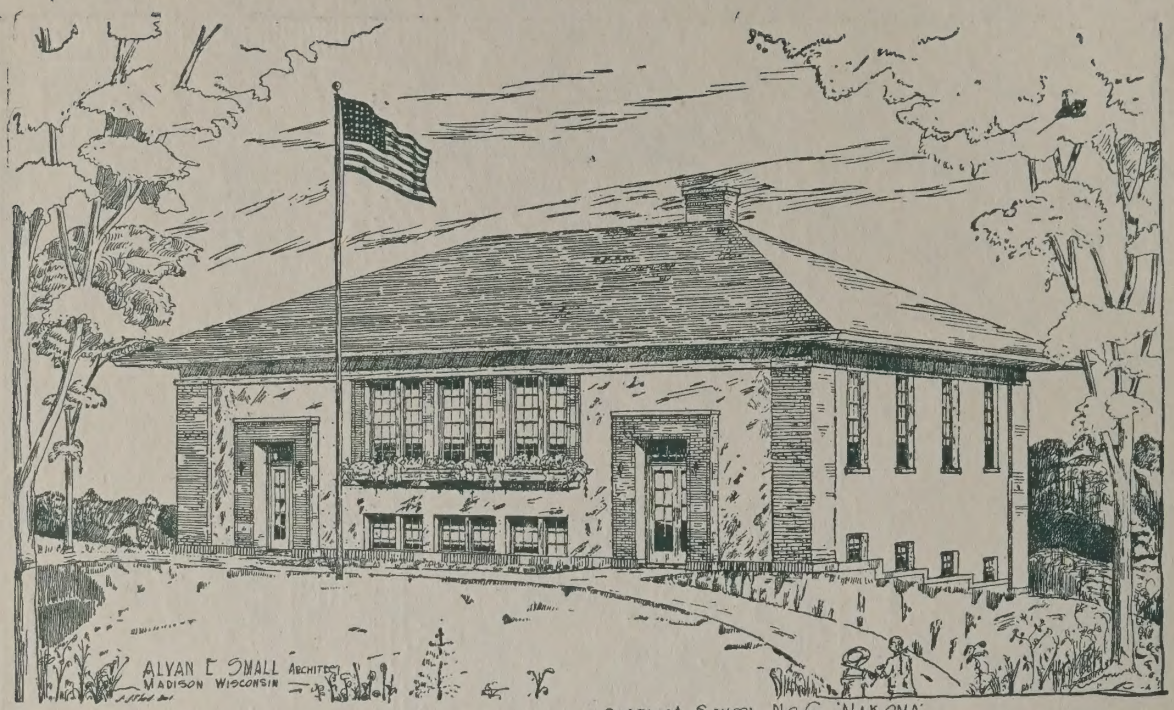
PLAN · BOOK of MODERN · HOMES

40 · Complete · Plans · submitted · in · a · National · Competition

MARK · RUSSELL



DISTRICT SCHOOL NO. 6 NAKOMA

THE NEW NAKOMA SCHOOL

will interest every parent

NAKOMA

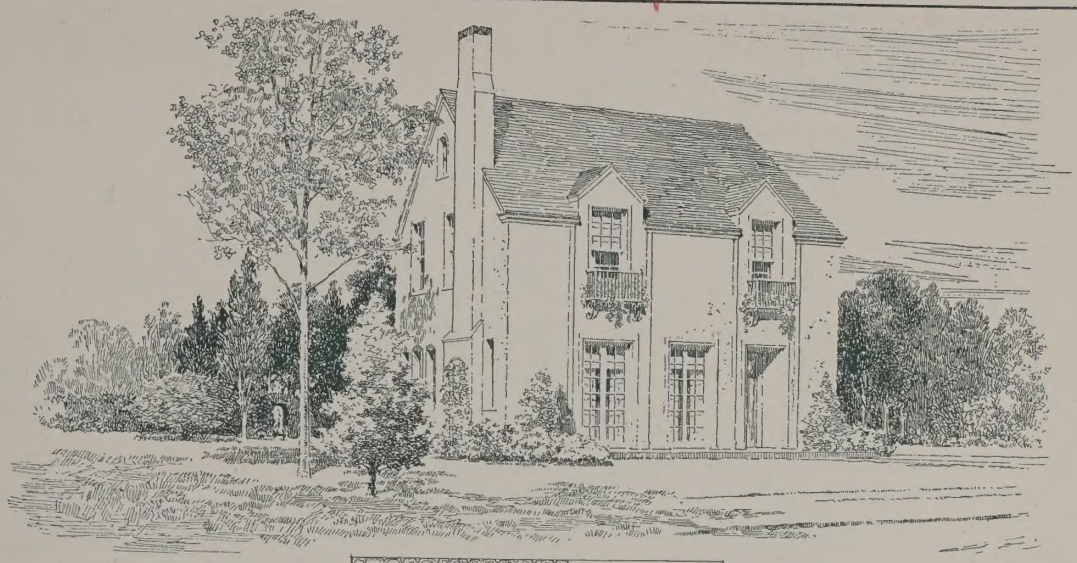
A RESTRICTED DISTRICT

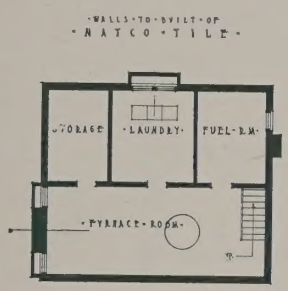
Here you will find men who own their homes—hence it is permanent and illustrates the interest which such men take in their community.

MADISON REALTY COMPANY

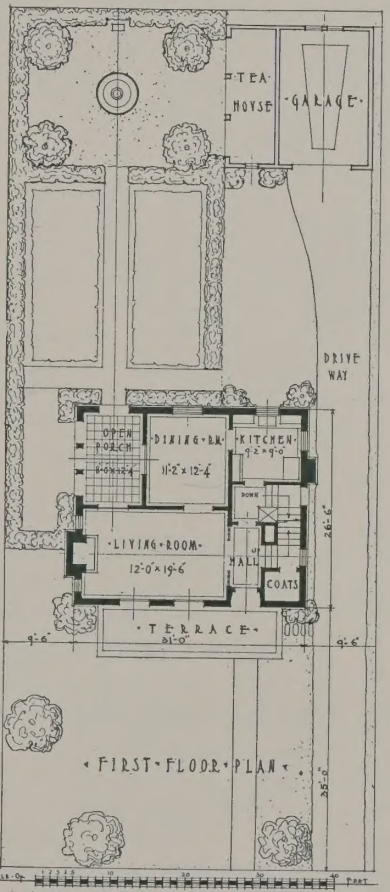
Capital, $300,000

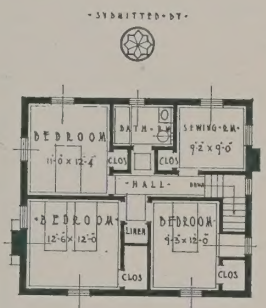
Splendid



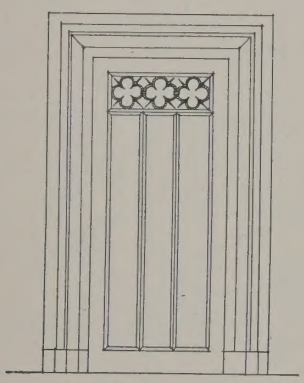


BASEMENT FLOOR PLAN

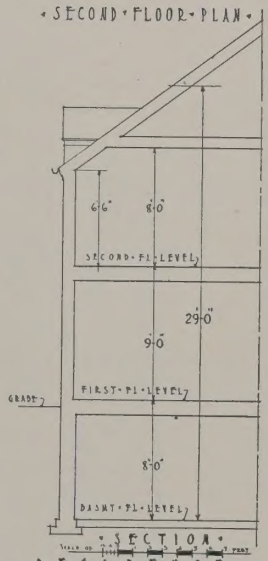




SECOND FLOOR PLAN



CUBAGE
31'0 x 26'6 x 29'0 = 23824 CUB FT



DESIGN FOR A SIX THOUSAND DOLLAR RESIDENCE

FIRST PRIZE

FRED WELLS

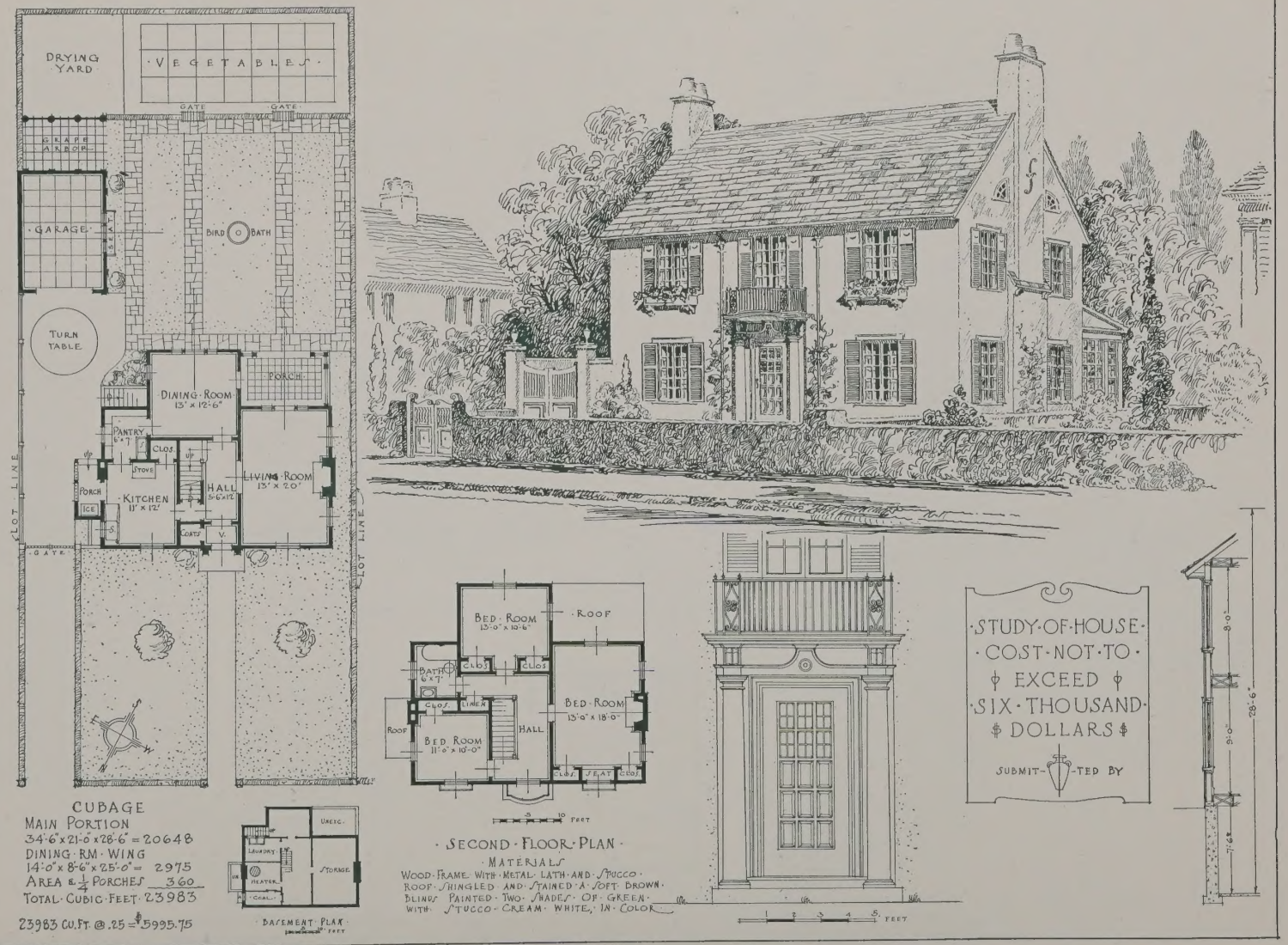
2564 Robinwood Ave., Toledo, Ohio

SECOND PRIZE

DANIEL E. SHEA

33 LYNN STREET

SPRINGFIELD, MASS.



STUDY OF HOUSE COST NOT TO EXCEED SIX THOUSAND DOLLARS

SUBMITTED BY

SECOND FLOOR PLAN

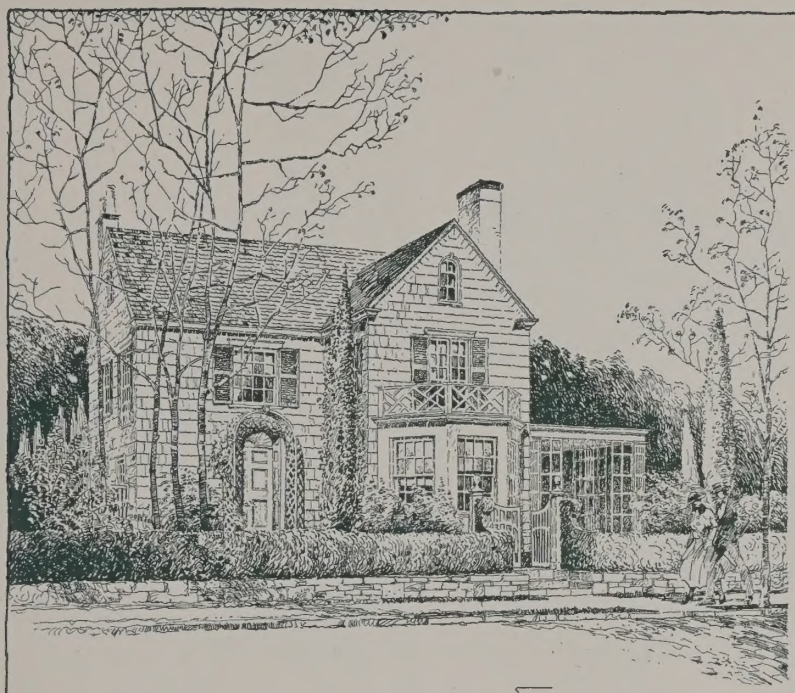
MATERIALS

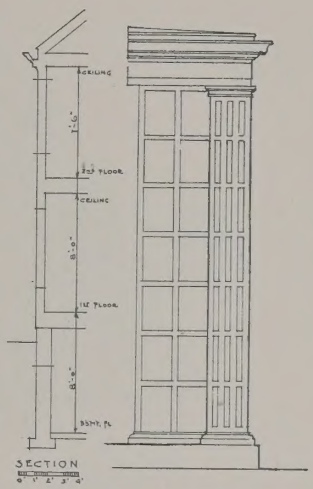
WOOD FRAME WITH METAL LATH AND STUCCO
ROOF SHINGLED AND STAINED A SOFT BROWN
BLINDS PAINTED TWO SHADES OF GREEN
WITH STUCCO CREAM WHITE, IN COLOR

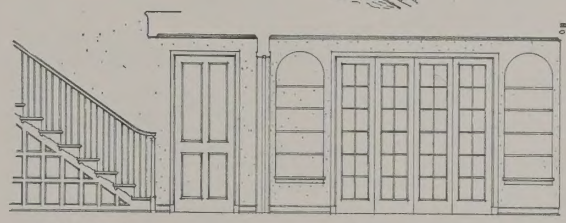
CUBAGE

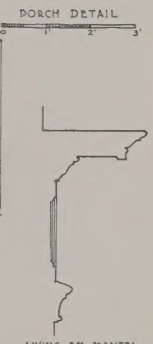
MAIN PORTION
34'-6" x 21'-6" x 28'-6" = 20648
DINING RM WING
14'-0" x 8'-6" x 25'-0" = 2975
AREA & ¼ PORCHES 360
TOTAL CUBIC FEET 23983

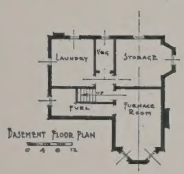
23983 CU. FT. @ .25 = $5995.75







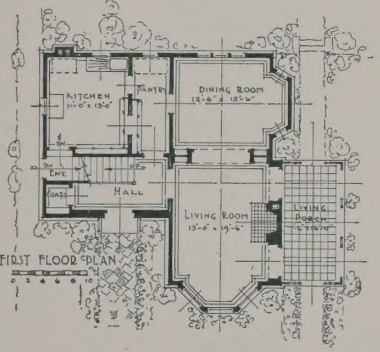


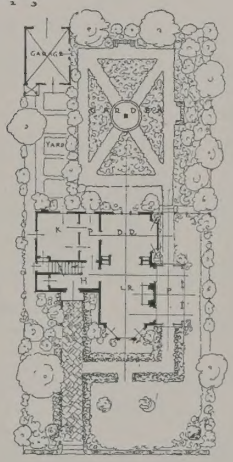


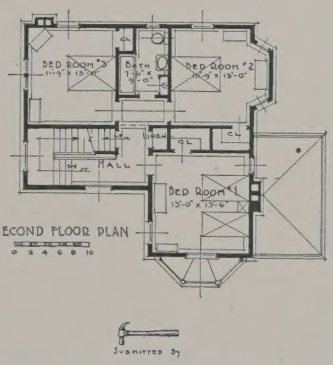
CUBAGE

MAIN PART	17' x 22' x 29'	= 10706	CUBIC FEET
	14' x 31' x 27'	= 11718	" "
LIVING RM BAY	8' x 3½ x 10'	= 280	" "
DINING RM BAY	8' x 2½ x 18'	= 360	" "
LIVING PORCH	½(7½ x 16' x 10')	= 300	" "
TOTAL CUBAGE		= 23364	" "

23364 x 25¢ = $ 5841.22







SUBMITTED BY

DESIGN · FOR · A · $6000. HOUSE - REAL · ESTATE · & · BUILDING · SHOW · COMPETITION · COLUMBUS · OHIO · JAN · 21 TO 30 · 1918

THIRD PRIZE

JOHN S. KELLY AND O. L. LENSKI

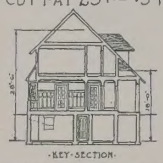
25 SELLS COURT COLUMBUS, OHIO

SUBURBAN HOUSE COMPETITION

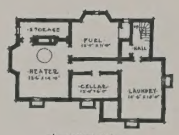
CUBAGE

MAIN PART	35⁰ X 21⁰ X 28¢ =	20,948
KITCHEN	14⁰ X 5⁰ X 18⁰ =	1,260
PROJECTIONS	16¢ X 3⁰ X 18⁰ =	900
TWO BAYS	2X2⁰ X 7⁰ X 18⁰ =	504
DORMER	5¢ X 4⁰ X 4⁰ =	88
TOTAL		23,700

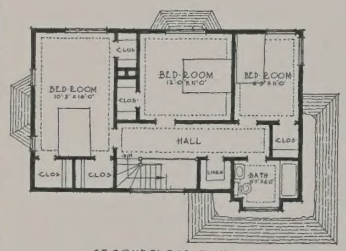
23,700 CU FT AT 25¢ = $5925.00



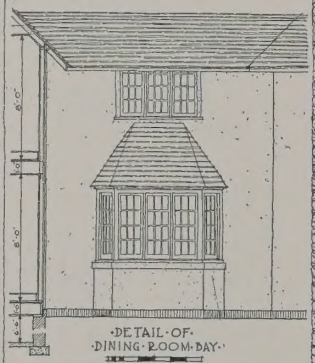
KEY SECTION



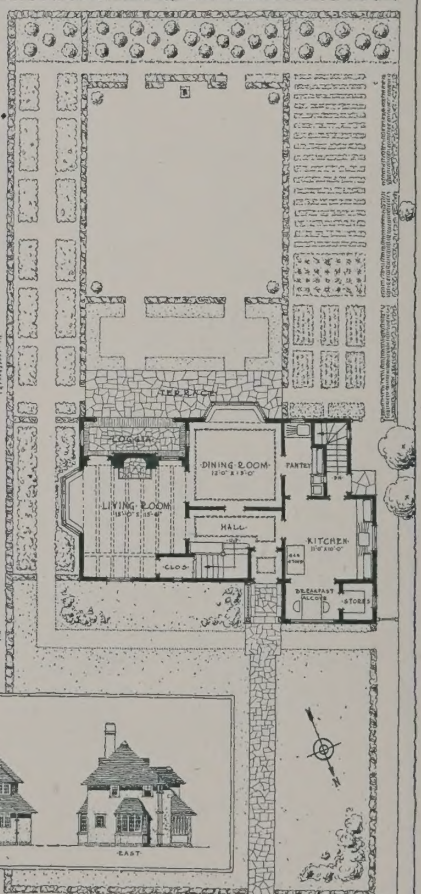
BASEMENT PLAN



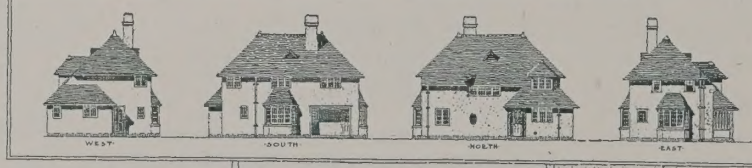
SECOND FLOOR PLAN



DETAIL OF DINING ROOM BAY



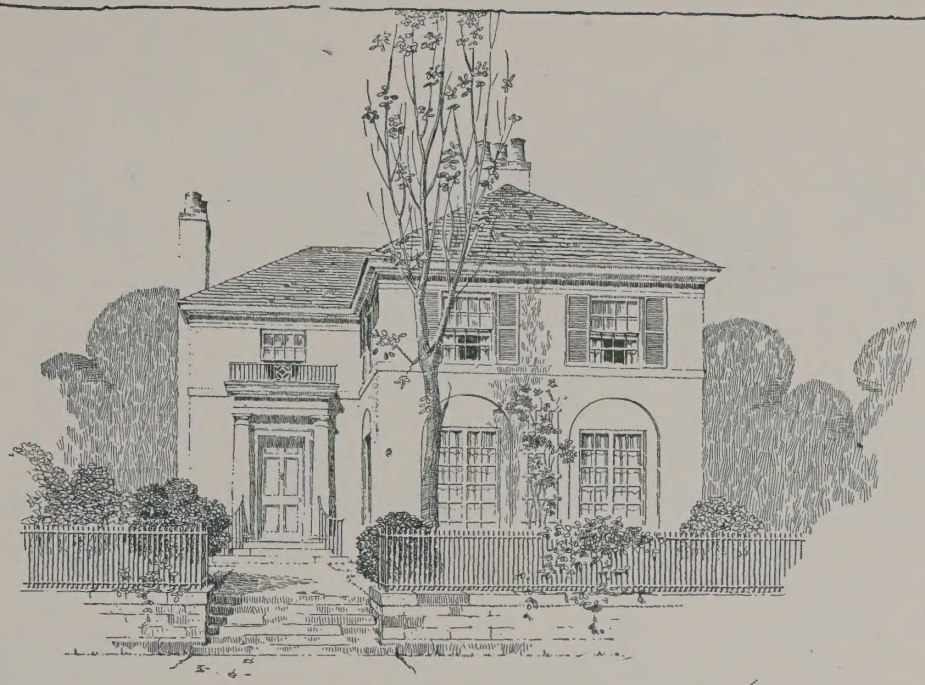
SUBMITTED BY

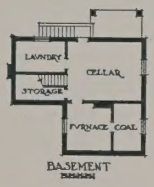


FOURTH PRIZE

H. E. AND V. F. TINSLEY

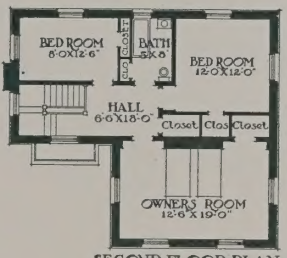
810 HUBBELL BUILDING DES MOINES, IA.



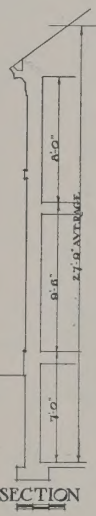


BASEMENT

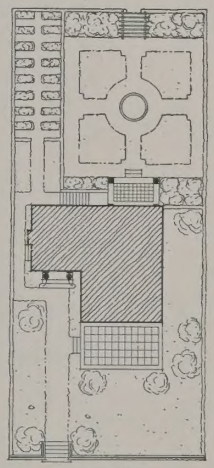
SUBMITTED BY "EFFORT"

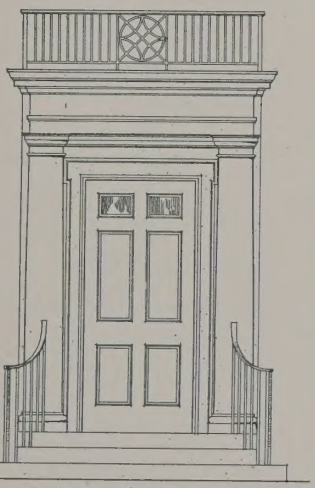


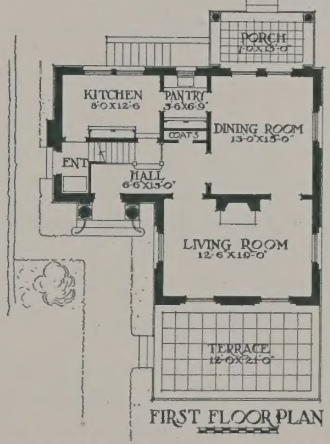
SECOND FLOOR PLAN



SECTION


PLOT


DETAIL of ENTRANCE



FIRST FLOOR PLAN

CUBAGE

HOUSE AREA 851 SQ. FT. X 27-9" EQUALS 23616 CU. FT. PORCH AREAS 106 SQ. FT. X 14'-0" X 1/4 EQUALS 371 CU. FT. TOTAL 23987 CU. FT. AT 25¢ EQUALS $5996.75

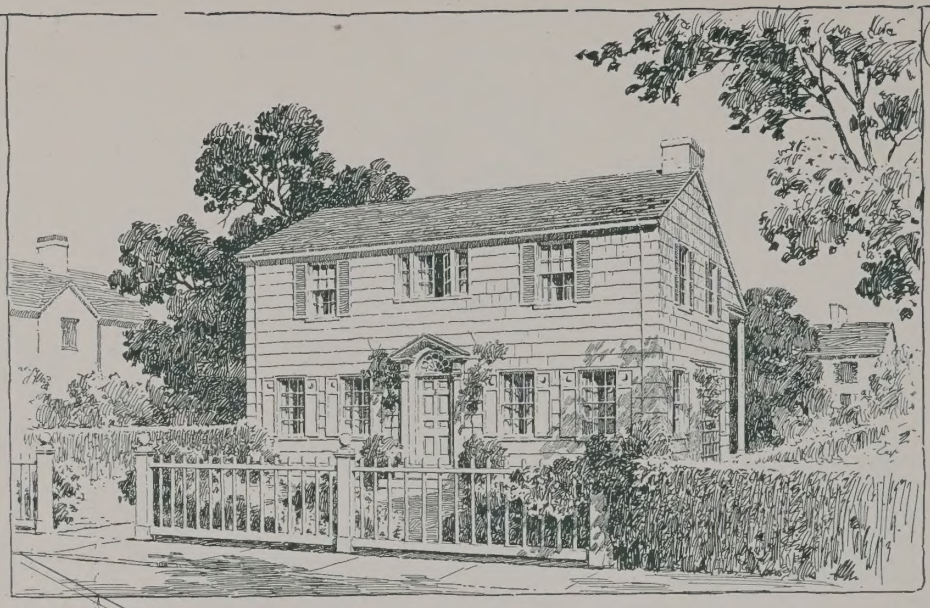
EXTERIOR WALLS OF HOLLOW TILE WITH STUCCO FINISH. INTERIOR STANDARD WOOD CONSTR.

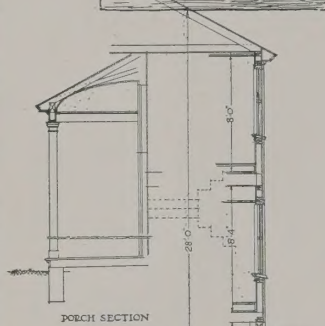
DESIGN for a SUBURBAN HOUSE TO COST 6000 DOLLARS

FIFTH PRIZE

ELMER F. NIEMAN

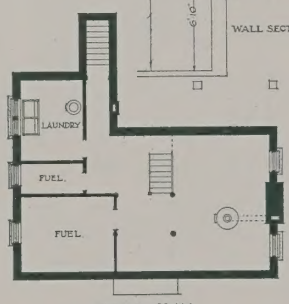
BOX 1036 COLORADO SPRINGS, COLO.



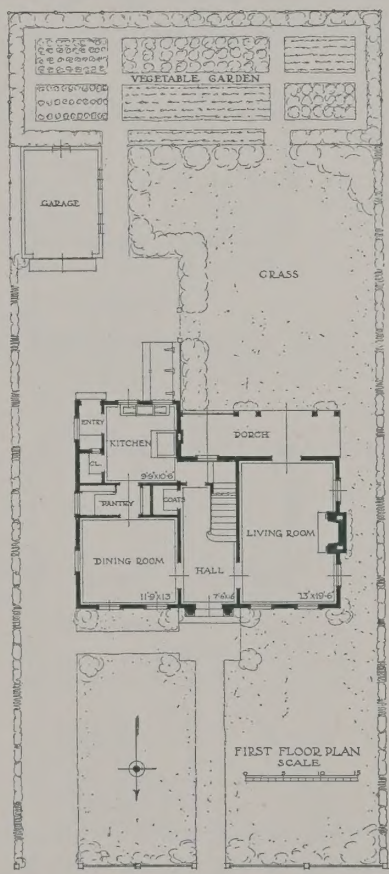


PORCH SECTION

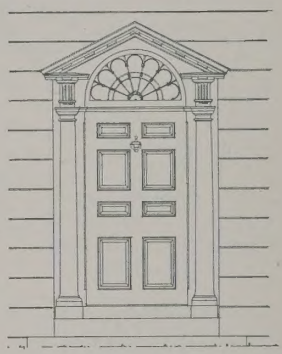
WALL SECTION



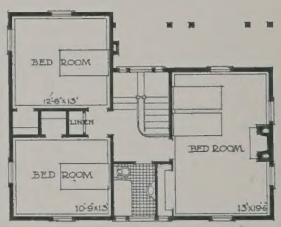
CELLAR PLAN



FIRST FLOOR PLAN
SCALE



ENTRANCE



SECOND FLOOR PLAN

CUBAGE

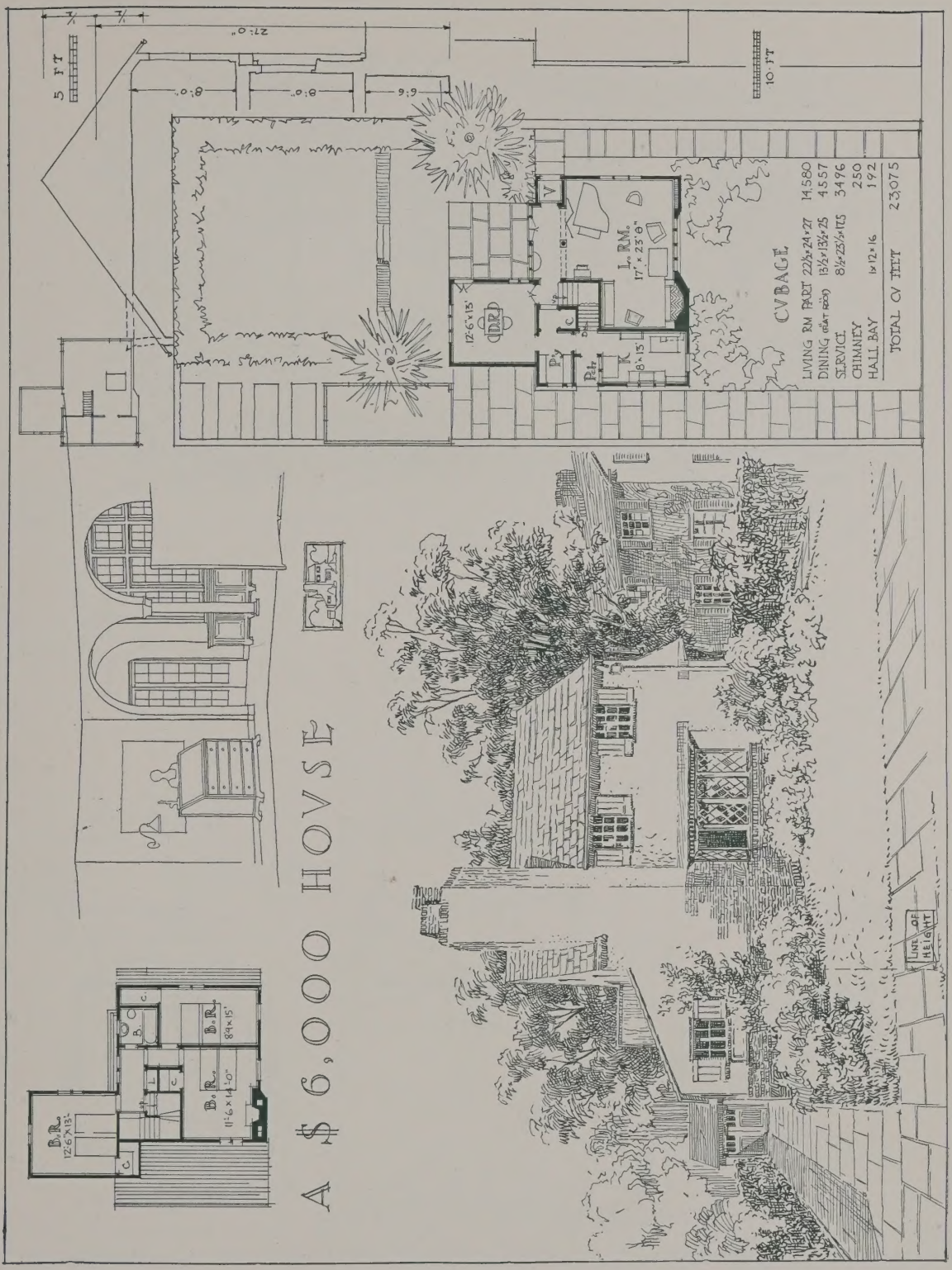
MAIN HOUSE	35½×20½×28 =	20,377
KITCHEN WING	7½×14×27 =	2,835
PORCH	¼×6×21½×16½ =	532
HATCHWAY	8×5×6	240
TOTAL		23,984

DESIGN FOR A HOUSE TO COST $6000 SUBMITTED BY

SIXTH PRIZE

WM. H. SCOPES

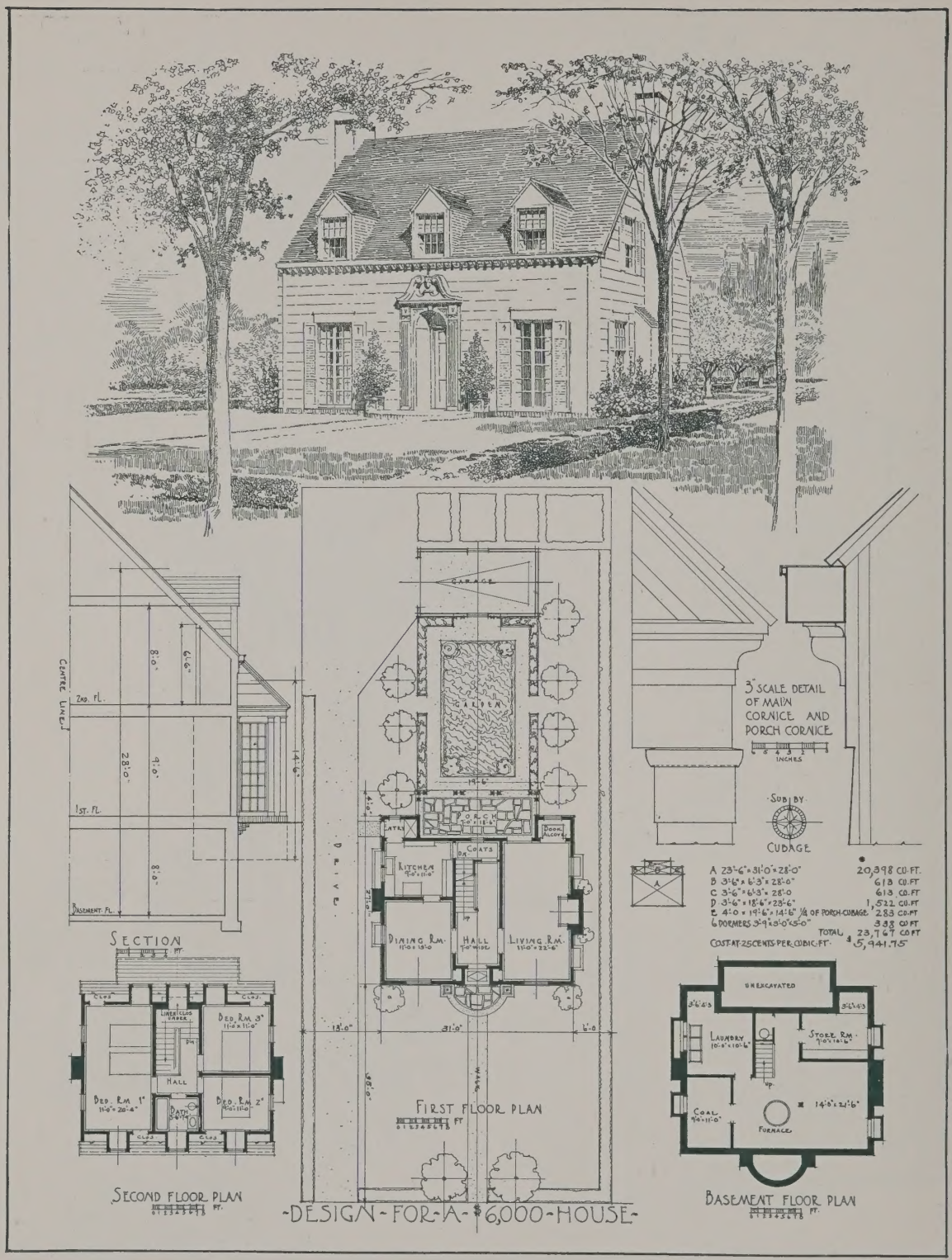
15 WEST 38TH STREET NEW YORK CITY



SEVENTH PRIZE

OLAF WILLIAM SHELGREN

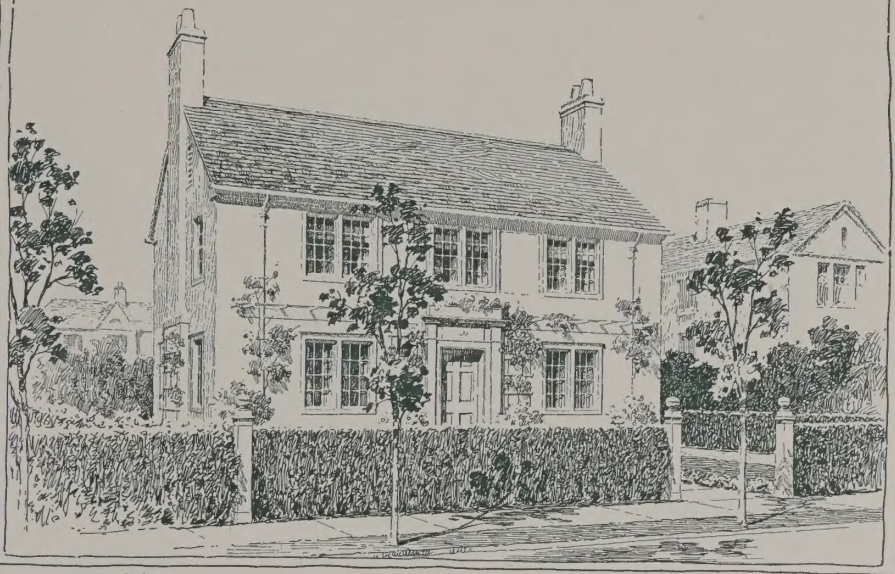
808 Niagara Life Building Buffalo, N. Y.


SECTION
SECOND FLOOR PLAN
FIRST FLOOR PLAN
BASEMENT FLOOR PLAN
3" SCALE DETAIL OF MAIN CORNICE AND PORCH CORNICE
CUBAGE
A 23'-6" x 31'-0" x 28'-0" 20,398 CU.FT.
B 3'-6" x 6'-3" x 28'-0" 613 CU.FT
C 3'-6" x 6'-3" x 28'-0 613 CU.FT
D 3'-6" x 18'-6" x 23'-6" 1,522 CU.FT
E 4'-0 x 19'-6" x 14'-6" 1/4 OF PORCH CUBAGE 283 CU.FT
6 DORMERS 3'-9" x 5'-0" x 5'-0" 338 CU.FT
TOTAL 23,767 CU FT
COST AT 25 CENTS PER CUBIC FT. $5,941.75
-DESIGN-FOR-A-$6,000-HOUSE-

HONORABLE MENTION

THOS. EWING KING

207 Scottwood Apts. Toledo, Ohio

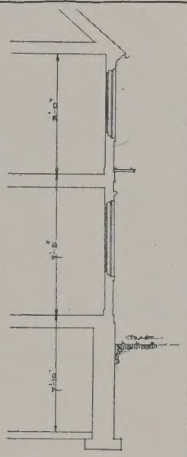


CUBAGE

HOUSE 21'-6" x 27' x 29'-6" = 23467.25

PORCH 9' x 19'10" x 6'0" = 1123.8

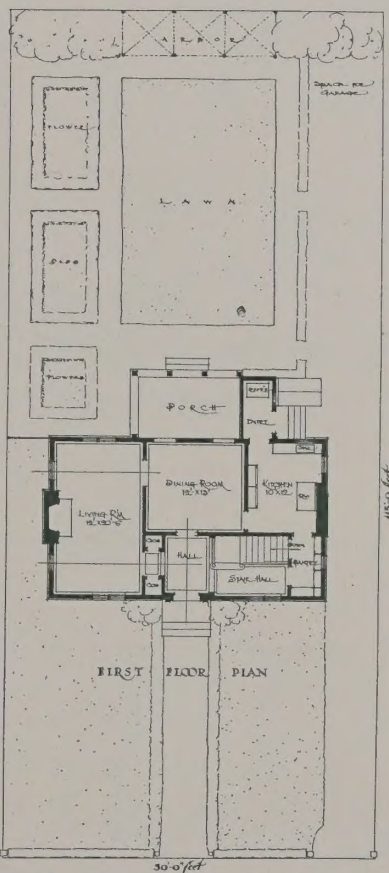
TOTAL NUMBER OF CUBIC FEET 24591.05



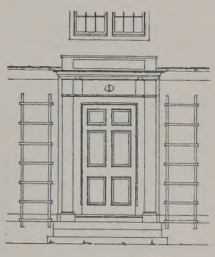
SECTION

BASEMENT PLAN

Scale

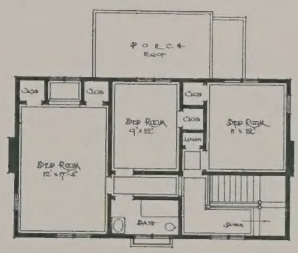


FIRST FLOOR PLAN



MAIN ENTRANCE

Scale



SECOND FLOOR PLAN

Scale

Submitted by

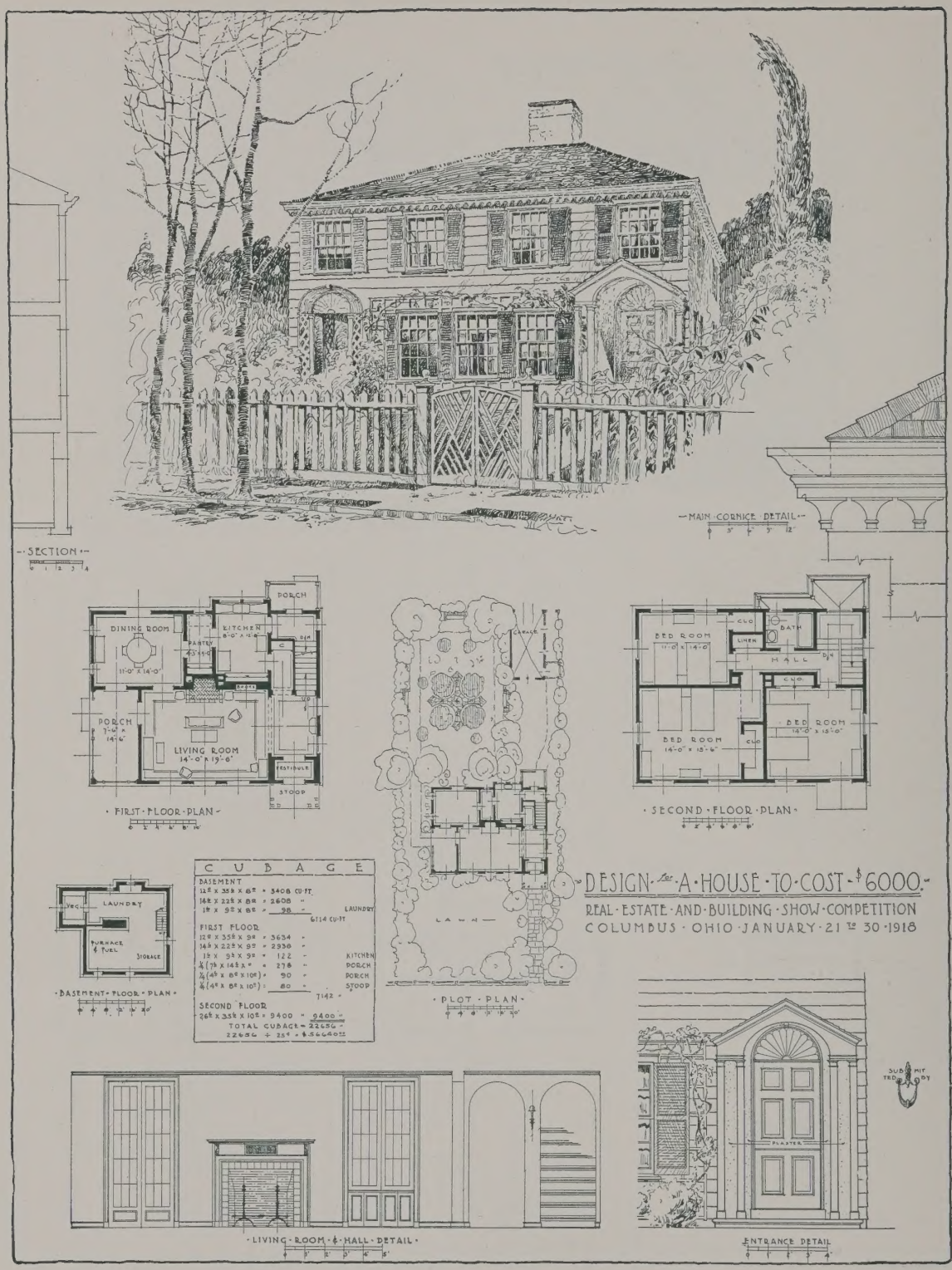
A SUBURBAN HOUSE

to cost 6000 Dollars

HONORABLE MENTION

DANIEL NEELINGER

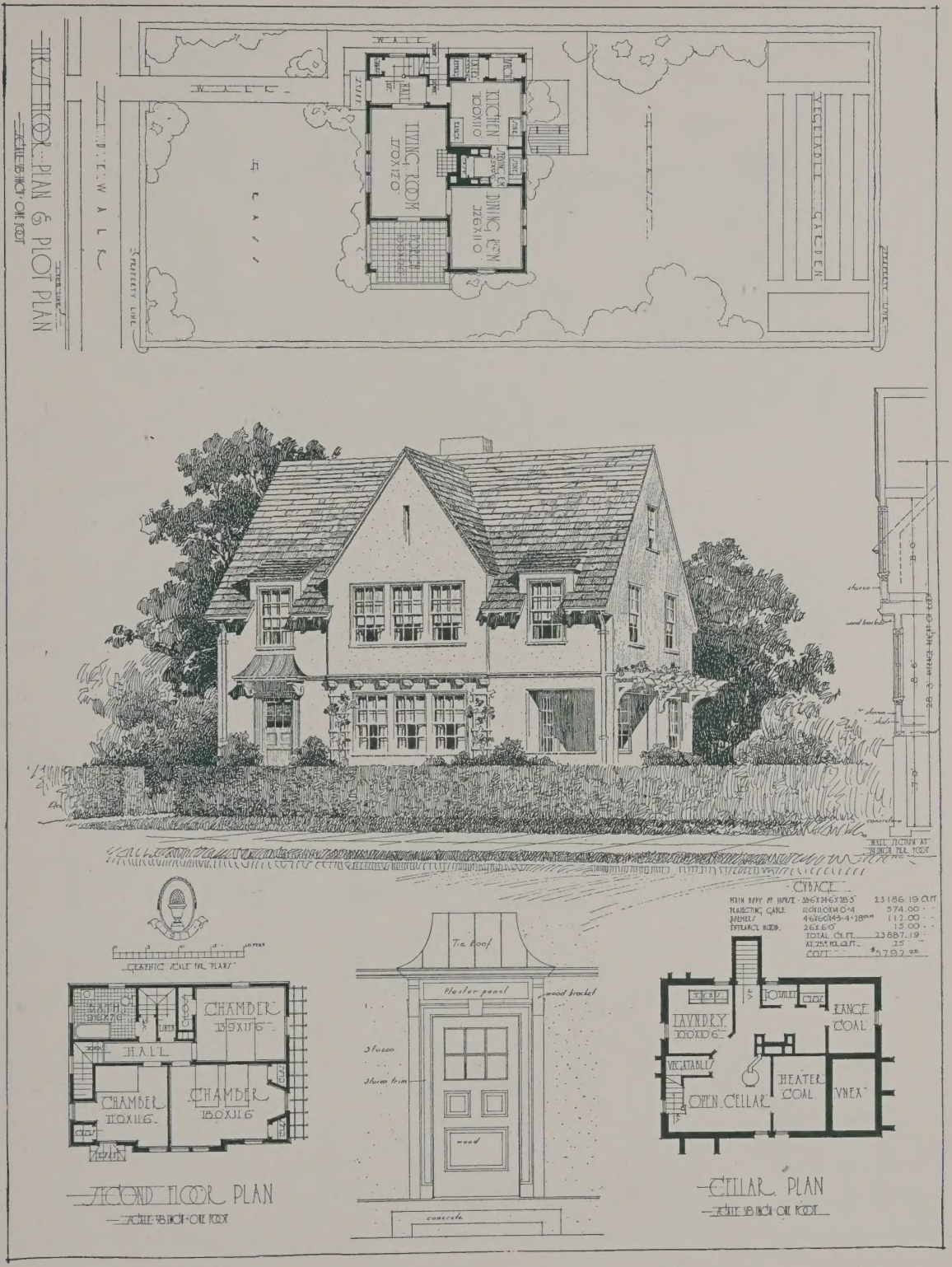
101 PARK AVENUE NEW YORK CITY



HONORABLE MENTION

JOHN S. KELLY AND O. L. LENSKI

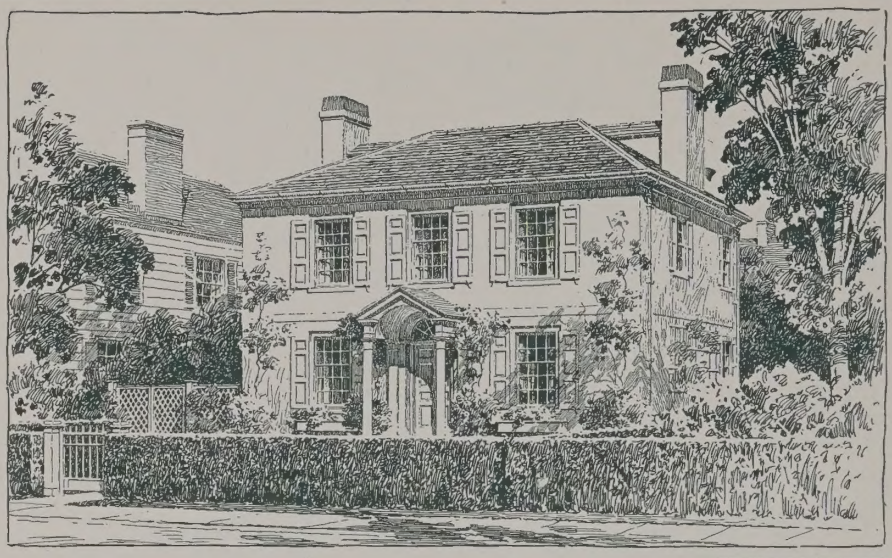
25 SELLS COURT COLUMBUS, OHIO

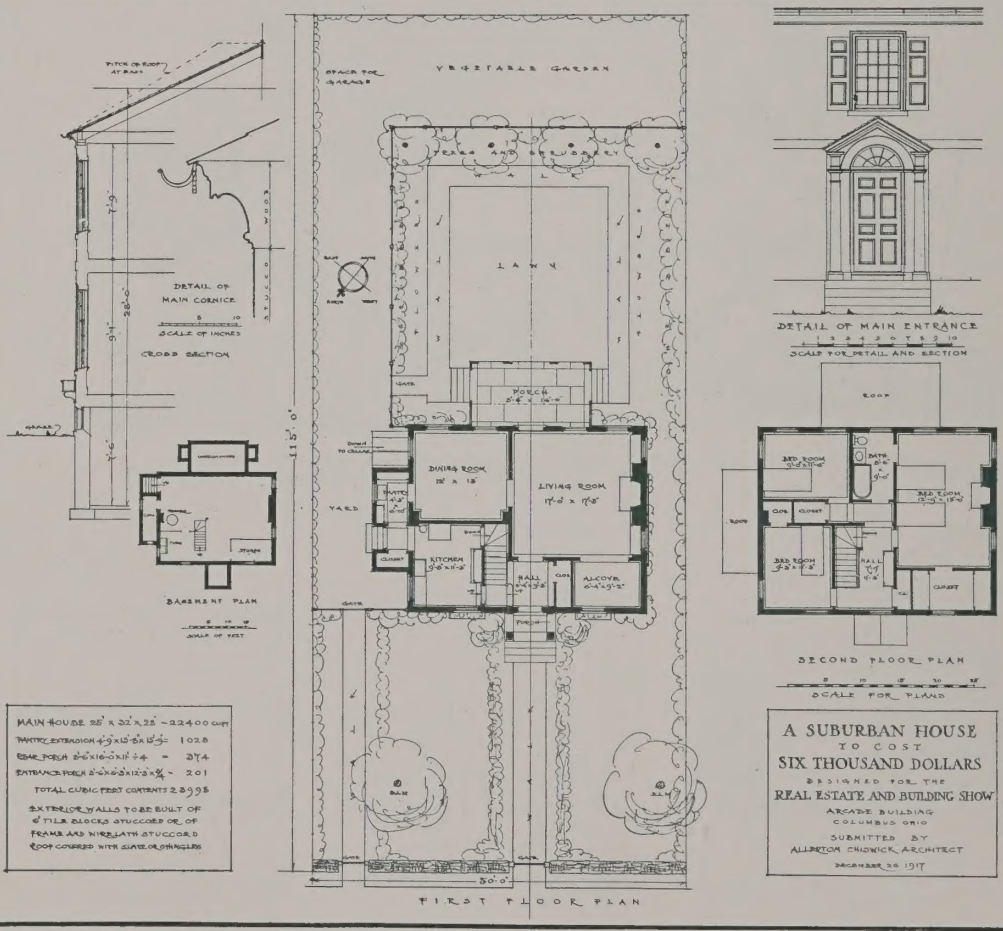


HONORABLE MENTION

A. RAYMOND ELLIS

36 PEARL STREET HARTFORD, CONN.





MAIN HOUSE 28' x 22' x 25' = 22400 CUFT
PANTRY EXTENSION 4'-9" x 12'-8" x 15'-5" = 1028
REAR PORCH 5'-6" x 16'-0" x 11' ÷ 4 = 314
ENTRANCE PORCH 5'-6" x 6'-3" x 12'-3" x ¾ = 201
TOTAL CUBIC FEET CONTENTS 23943

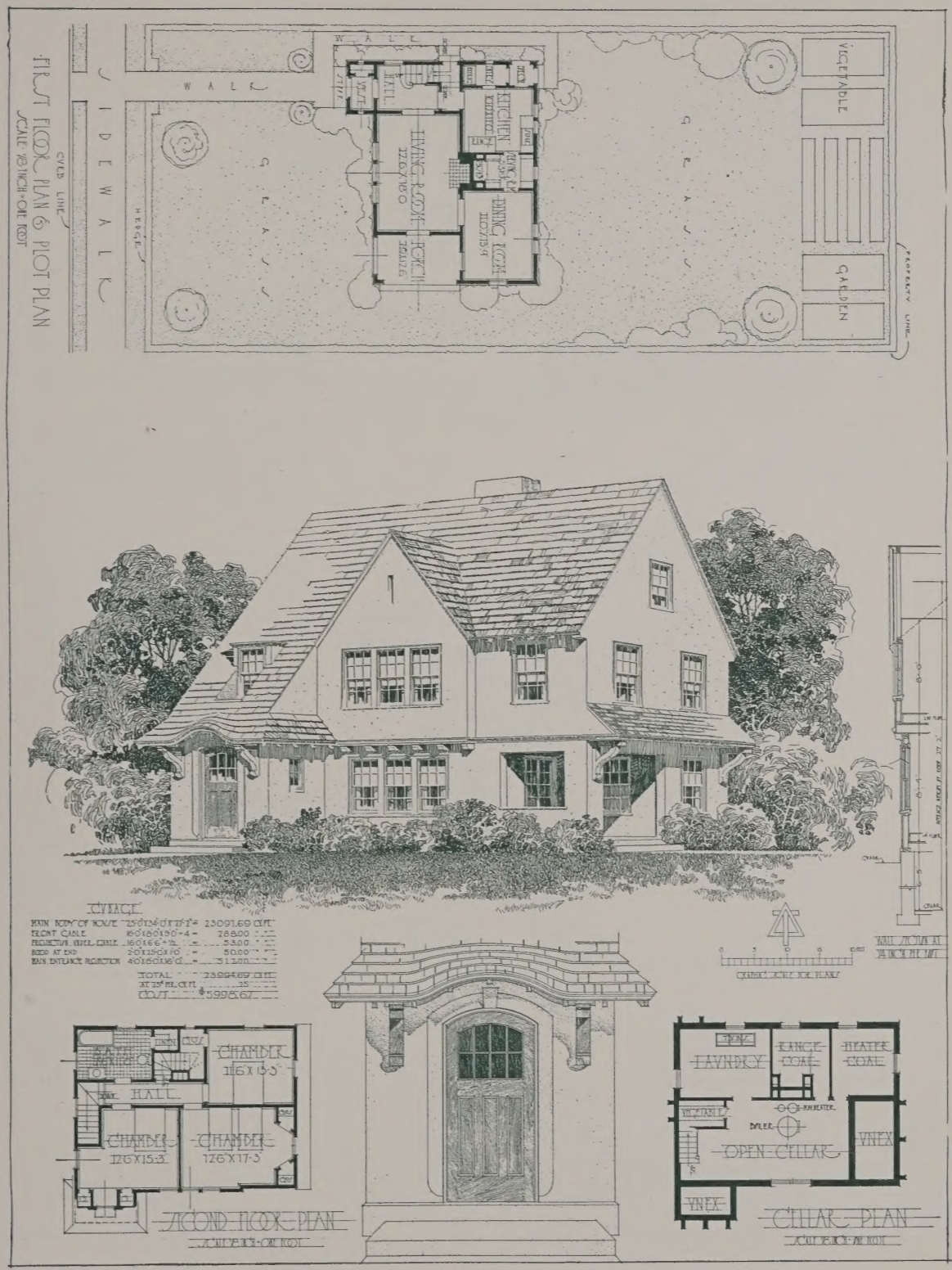
EXTERIOR WALLS TO BE BUILT OF 8" TILE BLOCKS STUCCOED OR OF FRAME AND WIRE LATH STUCCOED
ROOF COVERED WITH SLATE OR SHINGLES

A SUBURBAN HOUSE
TO COST
SIX THOUSAND DOLLARS
DESIGNED FOR THE
REAL ESTATE AND BUILDING SHOW
ARCADE BUILDING
COLUMBUS OHIO
SUBMITTED BY
ALLERTON CHIDWICK, ARCHITECT
DECEMBER 20 1917

HONORABLE MENTION

ALFRED COCKMAN CASS

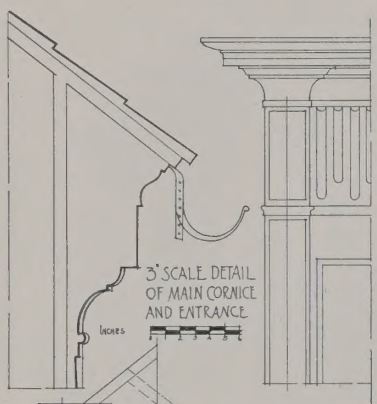
28 West Twelfth Street New York City

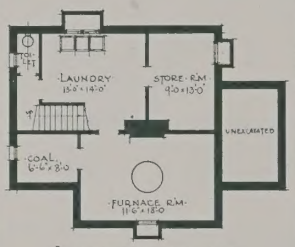


HONORABLE MENTION

A. RAYMOND ELLIS

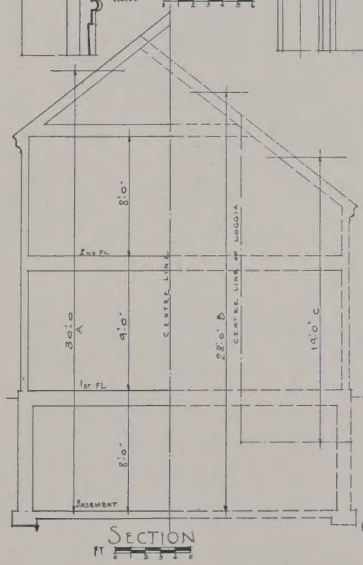
36 Pearl Street Hartford, Conn.





BASEMENT FLOOR PLAN

SECOND FLOOR PLAN

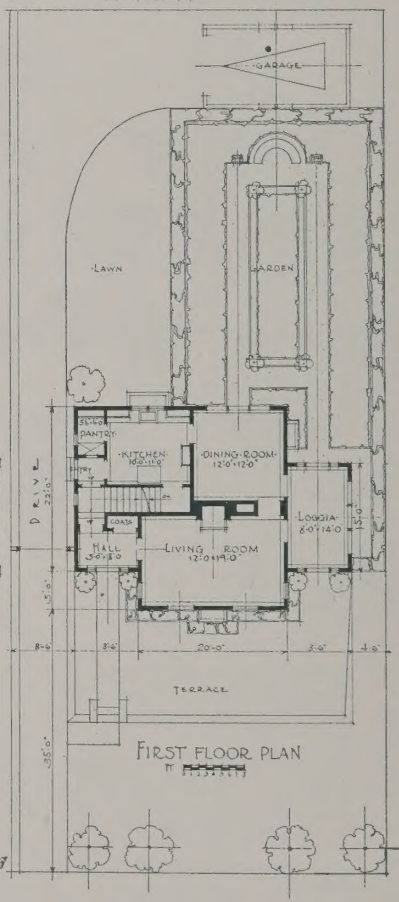


SECTION

CUBAGE

A	20'-0" × 27'-0" × 30'-0"	16,200
B	8'-6" × 22'-0" × 28'-0"	5,236
C	8'-6" × 15'-0" × 19'-0"	2,423
	TOTAL CUBIC FT.	23,859
	COST AT 25 CENTS CU.FT.	$5965.00

Design for a House to cost Six thousand dollars

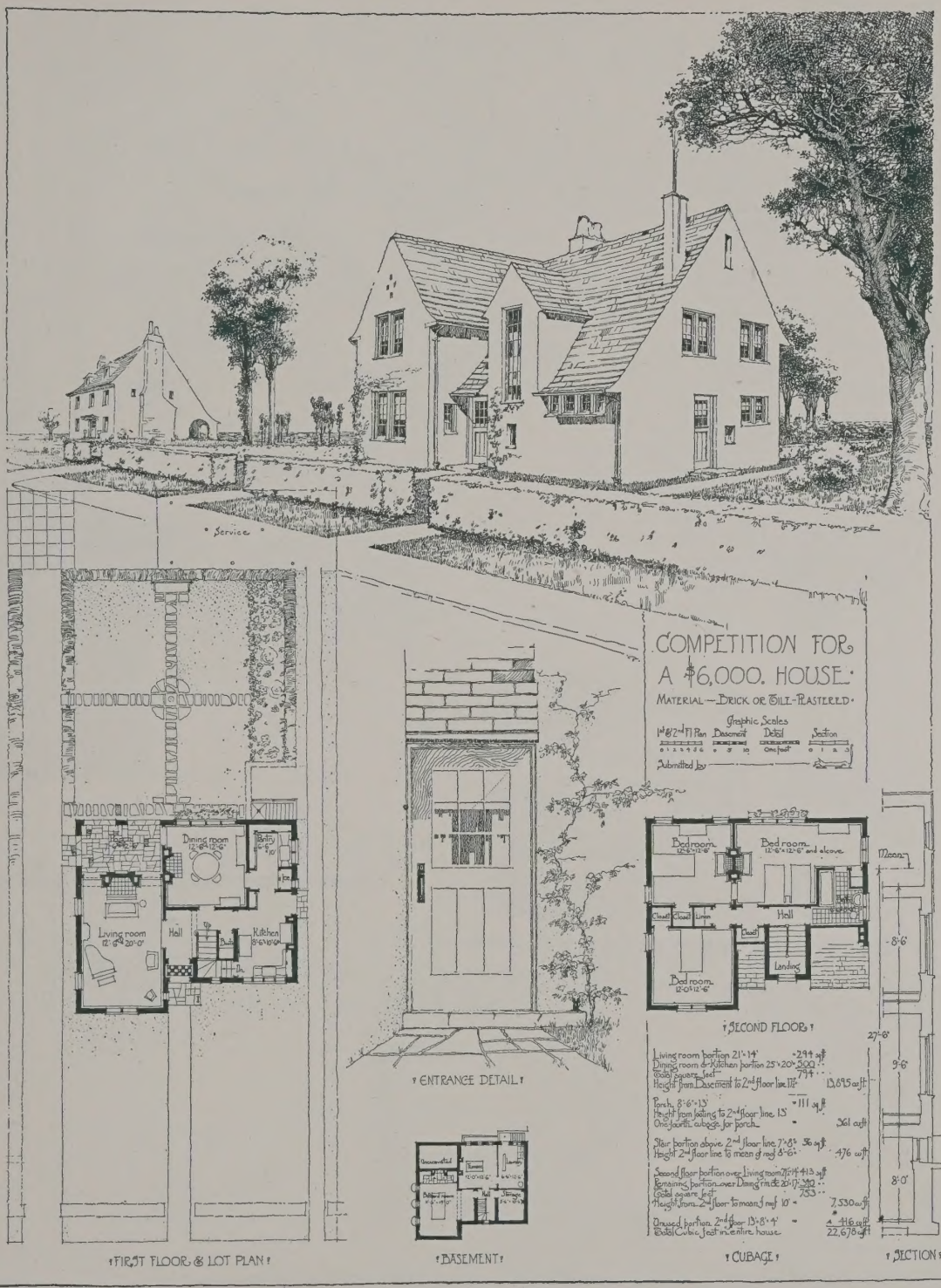


FIRST FLOOR PLAN

HONORABLE MENTION

GEORGE H. EPARD

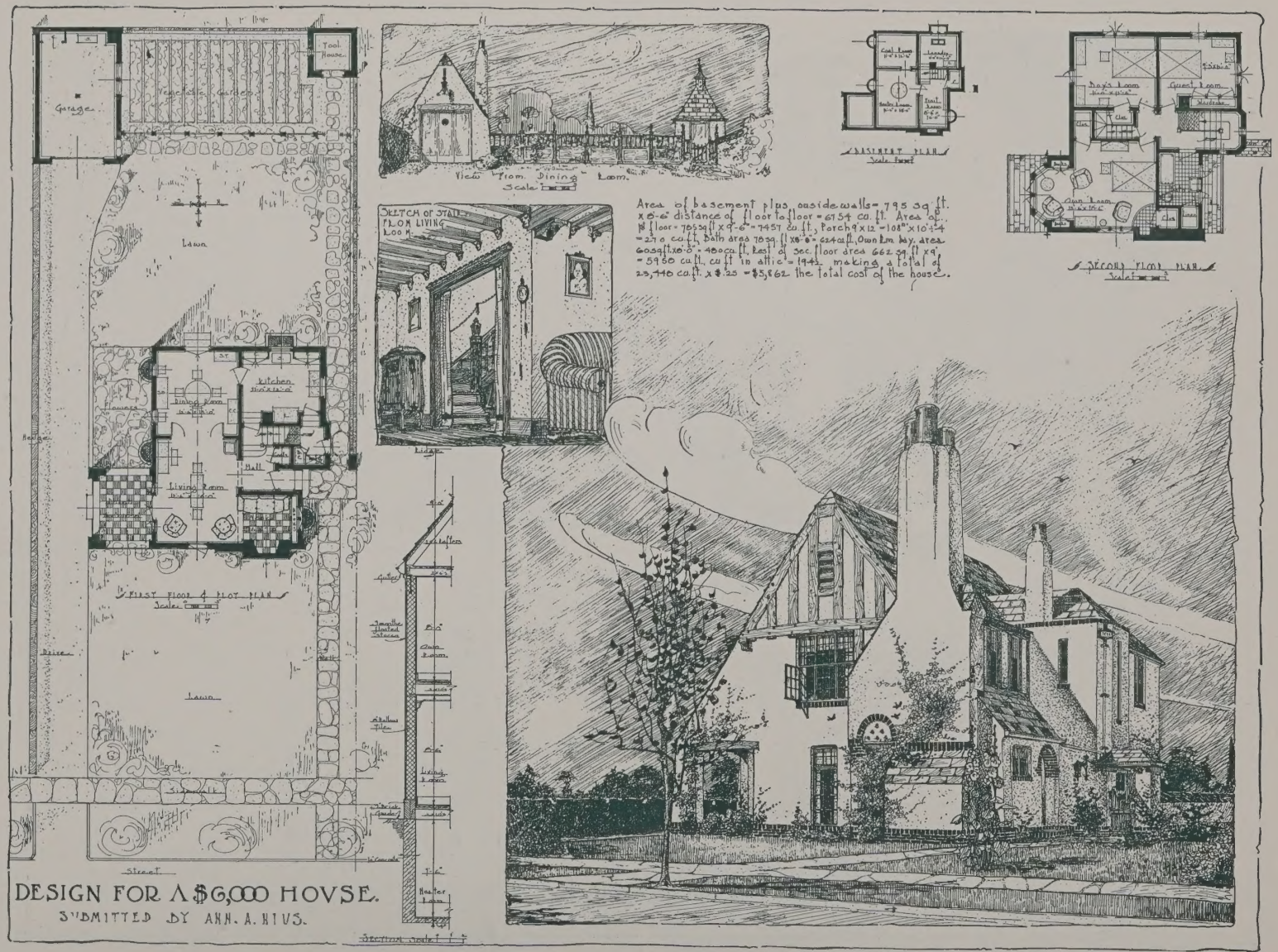
1234 OHIO BUILDING TOLEDO, OHIO


Service
COMPETITION FOR
A $6,000. HOUSE.
MATERIAL — BRICK OR TILE-PLASTERED.
Graphic Scales
1st & 2nd Fl Plan
Basement
Detail
Section
Submitted by
Living room 12'-6" x 20'-0"
Dining room 12'-6" x 12'-6"
Hall
Kitchen
Bedroom 12'-6" x 12'-6"
Bed room 12'-6" x 12'-6" and alcove
Hall
Bed room 12'-0" x 12'-6"
Landing
Moon
8'-6"
27'-6"
9'-6"
8'-0"
ENTRANCE DETAIL
SECOND FLOOR
Living room portion 21'x14' = 294 sq ft
Dining room & kitchen portion 25'x20' = 500 "
Total square feet = 794 "
Height from Basement to 2nd floor line 11' = 13,695 cu ft
Porch 8'-6"x13' = 111 sq ft
Height from footing to 2nd floor line 13' = 361 cu ft
One fourth cubage for porch
Stair portion above 2nd floor line 7'-8" = 36 sq ft
Height 2nd floor line to mean of roof 8'-6" = 476 cu ft
Second floor portion over Living room 715 sq ft 413 sq ft
Remaining portion over Dining room & 20'x17'-3½" = 753 "
Total square feet
Height from 2nd floor to mean of roof 10' = 7,530 cu ft
Unused portion 2nd floor 13'-8"x4' = 416 cu ft
Total Cubic feet in entire house = 22,678 cu ft
FIRST FLOOR & LOT PLAN
BASEMENT
CUBAGE
SECTION

HONORABLE MENTION

EDWARD H. STEFFLER

250 Bouquet Street Pittsburgh, Pa.


Garage
Tool House
Lawn
Kitchen
Dining Room
Hall
Living Room
Lawn
Street
FIRST FLOOR & LOT PLAN
Scale
View from Dining Room
Scale
SKETCH OF STAIR FROM LIVING ROOM
Area of basement plus outside walls = 795 sq. ft. x 8'-6" distance of floor to floor = 6754 cu. ft. Area of 1st floor = 705 sq ft x 7'-6" = 7457 cu. ft., Porch 9'x12' = 108" x 10'-4" = 2310 cu. ft. Bath area 70 sq ft x 8'-6" = 624 cu. ft. Own Rm. Wy. area 600 sq ft x 8'-6" = 4800 cu. ft. Roof of sec. floor area 662 sq. ft x 9' = 5960 cu. ft. cu. ft. in attic = 1941 making a total of 23,140 cu. ft. x $.25 = $5,862. the total cost of the house.
Cool Room
Laundry
Heater Room
Trunk Room
BASEMENT PLAN
Scale
Maid's Room
Guest Room
Wardrobe
Clo.
Own Room
SECOND FLOOR PLAN
Scale
Roofing Tile
Gutter
Composition Shingles
Own Room
Living Room
Heater Room
Section
Scale

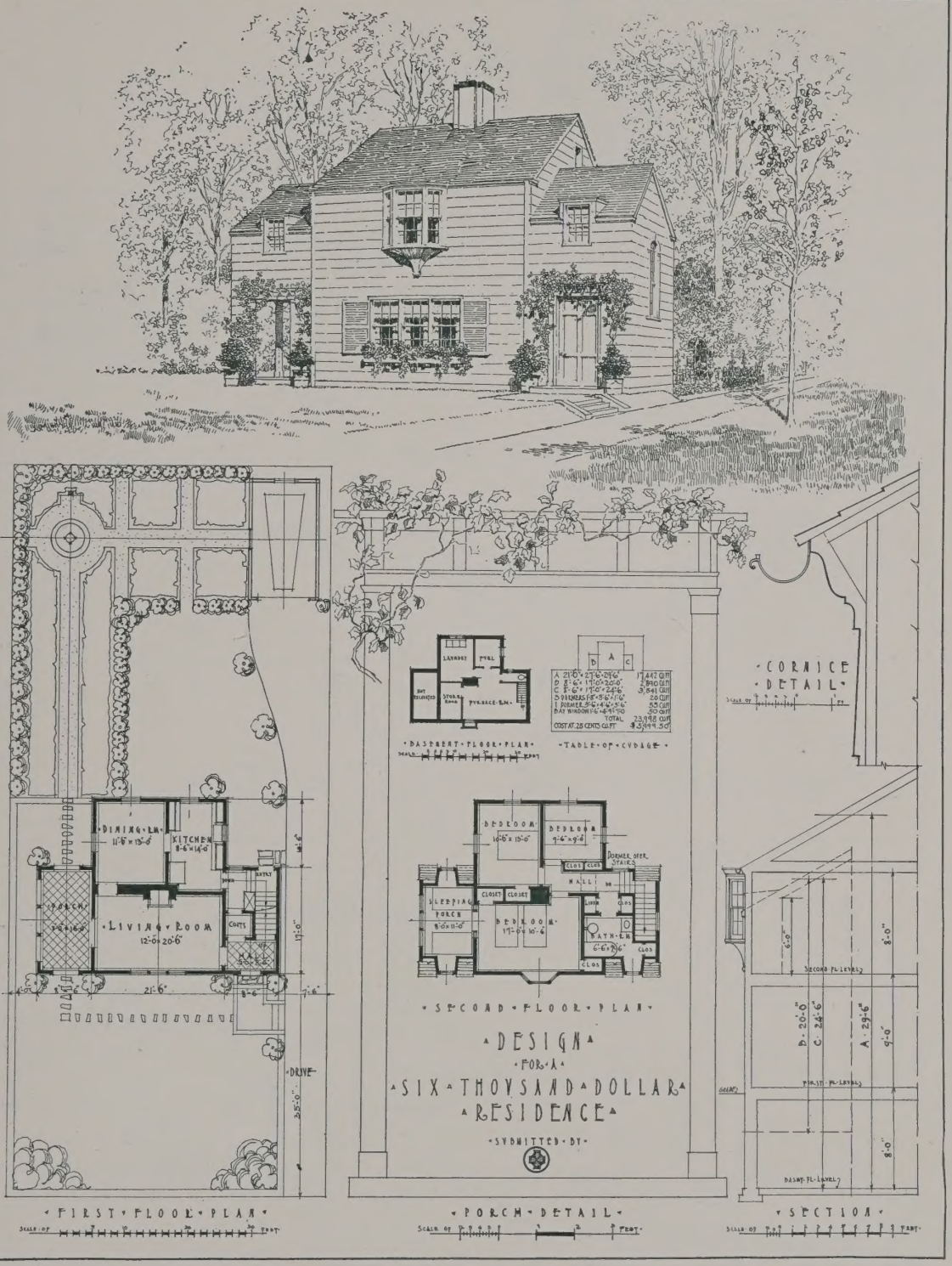
DESIGN FOR A $6,000 HOUSE.

SUBMITTED BY ANN. A. HIUS.

ELLASSON R. SMITH

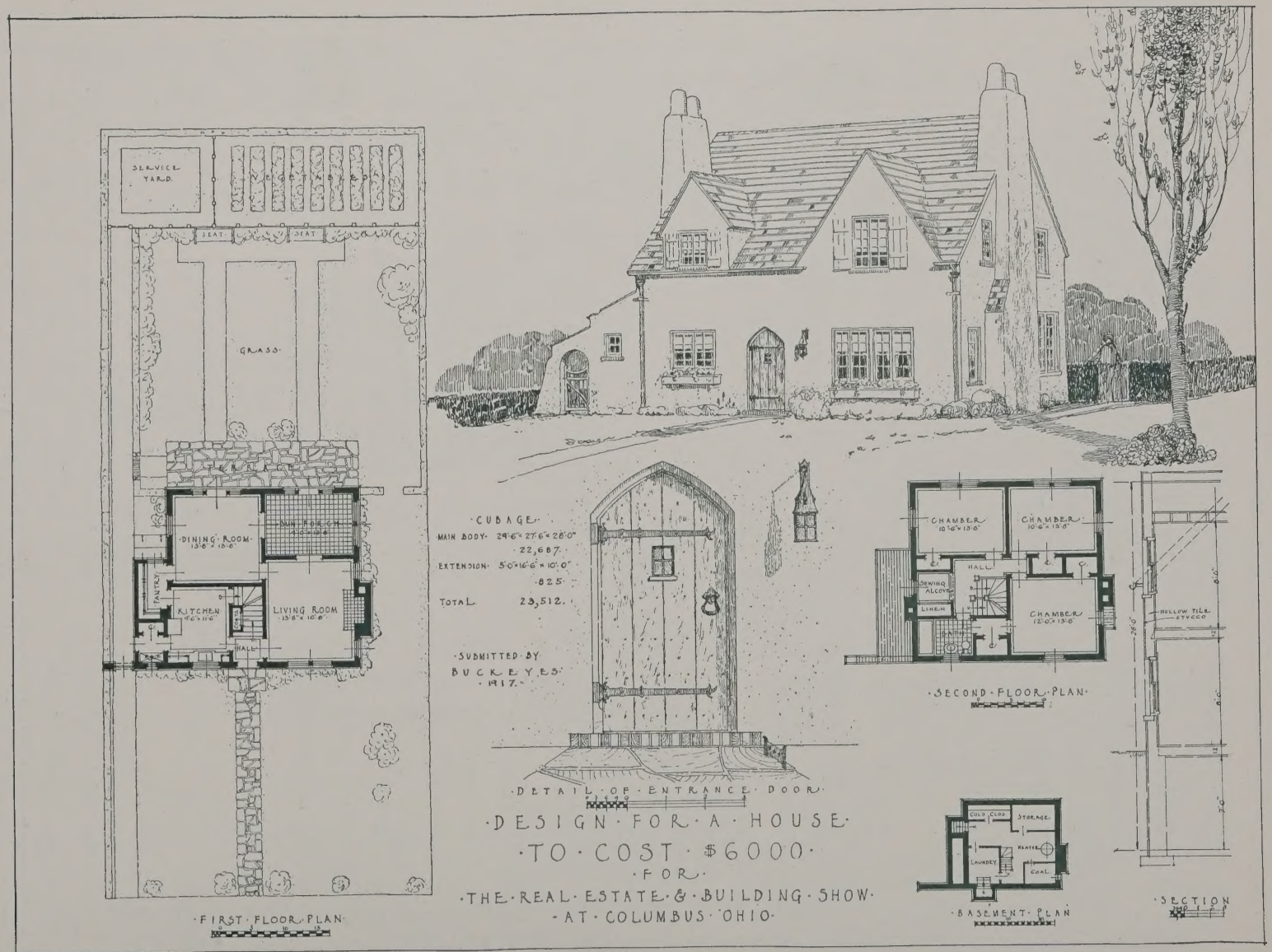
26 INDIANOLA AVENUE

DAYTON, OHIO



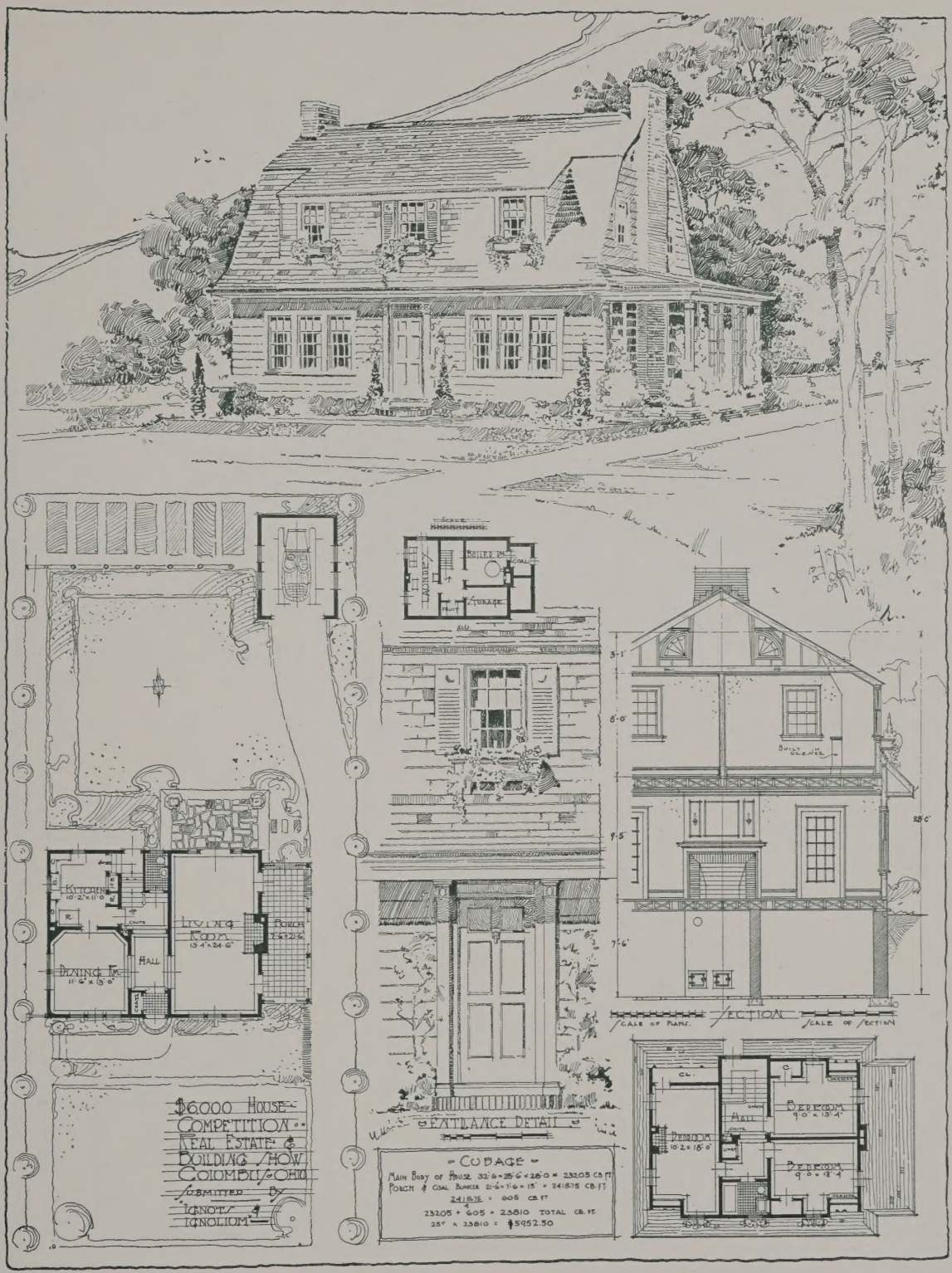
T. LOCKHART SMITH

463 FOURTH STREET TOLEDO, OHIO



OTTO STAIBER

1775 WEEKS AVENUE BRONX, NEW YORK CITY

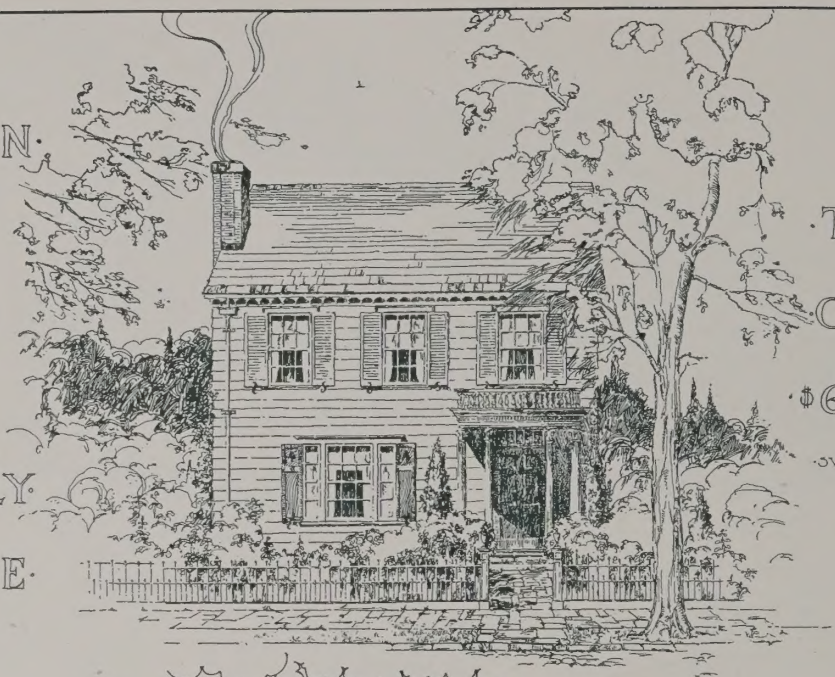


HENRY P. WHITWORTH

GEORGE J. JOHNSTON

510 EUCLID SQUARE BUILDING · CLEVELAND, OHIO

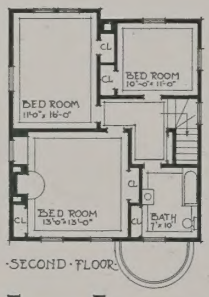
DESIGN FOR A ONE FAMILY HOUSE



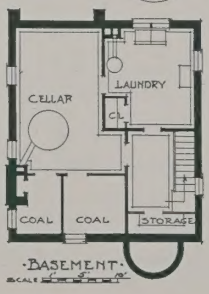
TO COST $6000

SUBMITTED BY

ESTIMATED COST	CUBIC FEET
MAIN HOUSE	23,400
PROJECTION 2ND Floor	180
PORCH [FIGURED AT ½ ACTUAL CUBAGE]	130
TOTAL CUBAGE	23,710
ESTIMATED COST	.25
TOTAL COST	$5927.50

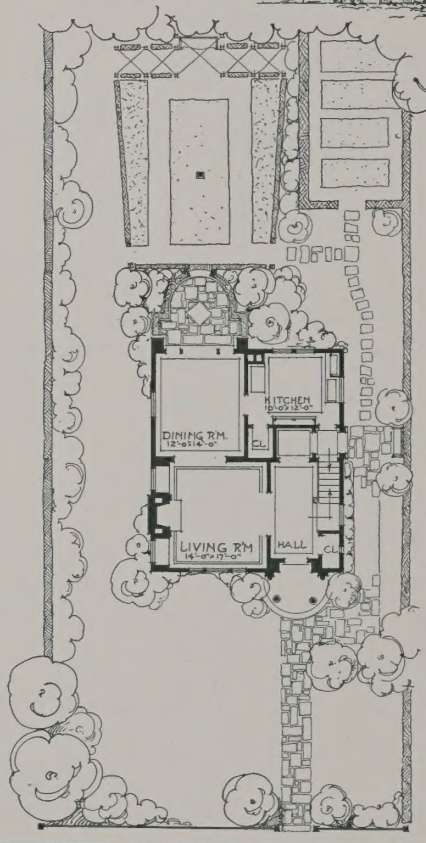


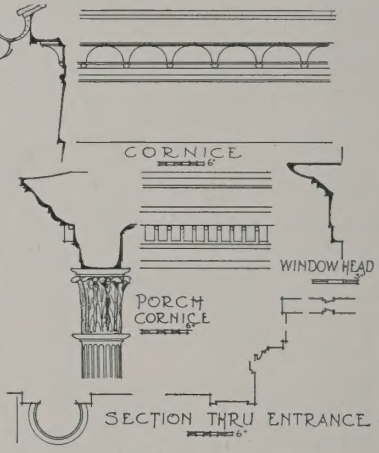
SECOND FLOOR



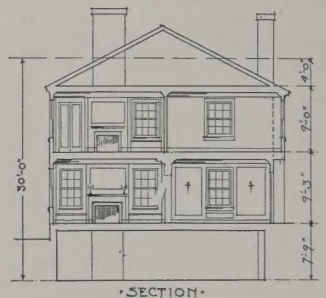
BASEMENT

SCALE 1/8" = 1'-0"





SECTION THRU ENTRANCE



SECTION

SCALE 1/8" = 1'-0"

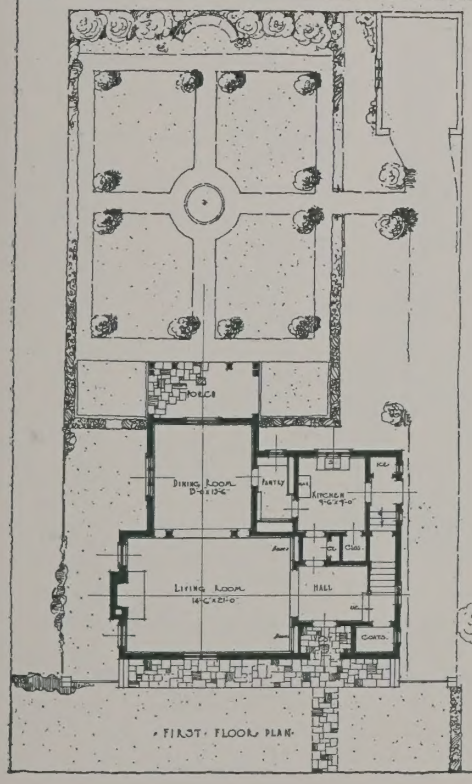
CARL F. SCHMIDT

22 FARBRIDGE STREET ROCHESTER, N. Y.

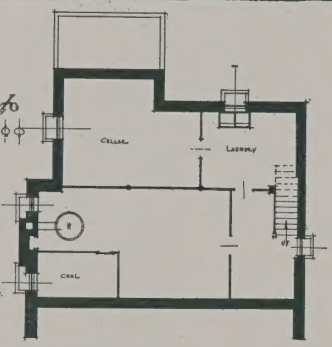
DESIGN for
A SUBURBAN HOUSE to
COST 6,000 dollars

THE CUBAGE

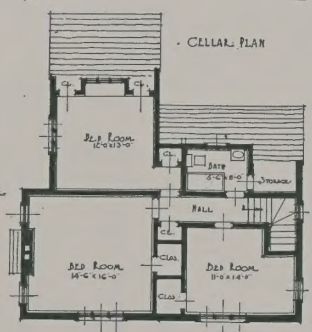
A	10'x16'x18' =	3240
B	16x39'-6"x27' =	13356
C	14'x14'x25'-6" =	4998
D	(7'x14'x10')÷4 =	245
BATH ROOM BOWELL =		135
TOTAL CUBAGE =		23954 cu. ft.



FIRST FLOOR PLAN



CELLAR PLAN



SECOND FLOOR PLAN

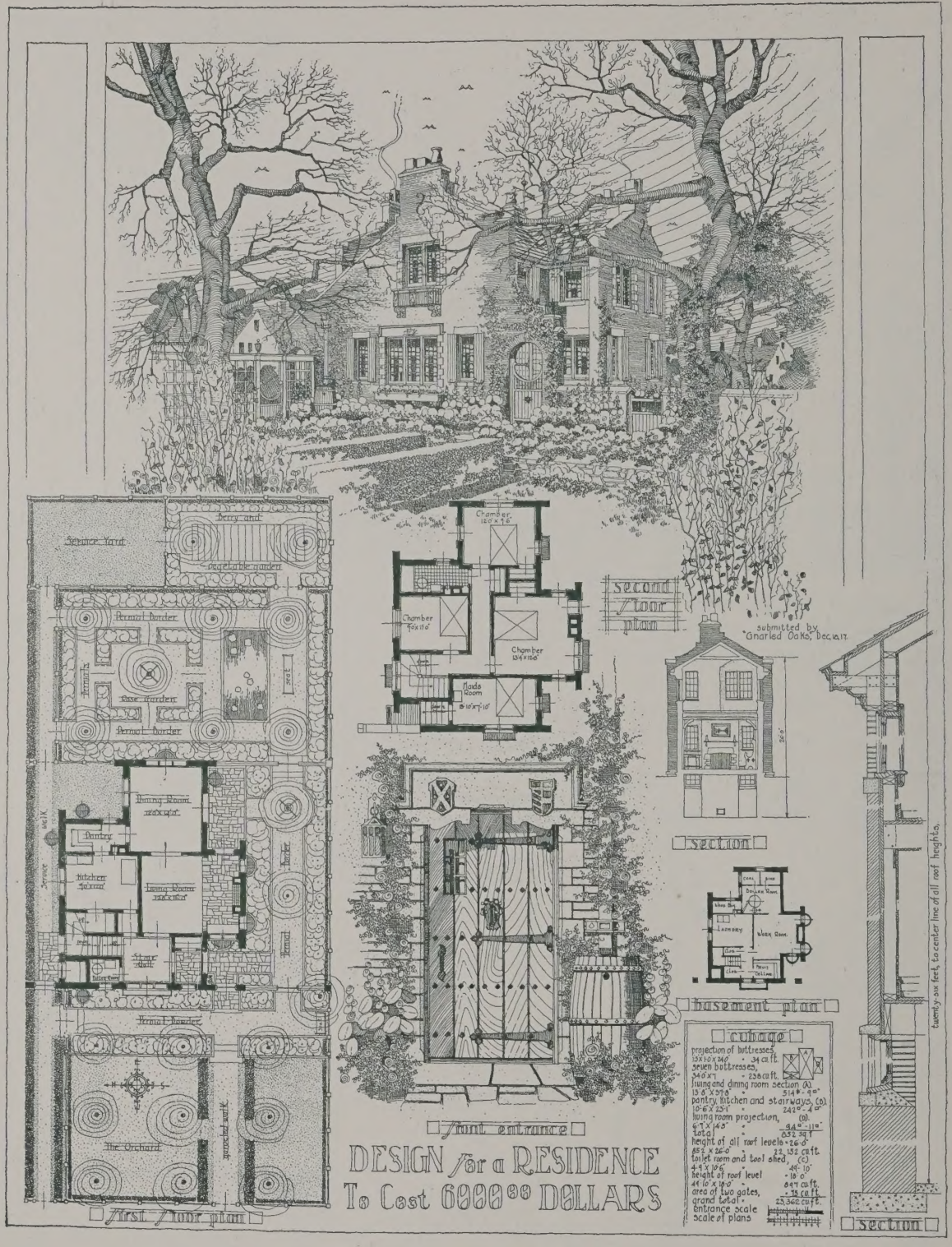
SUBMITTED BY

PLAN SCALE

SECTION

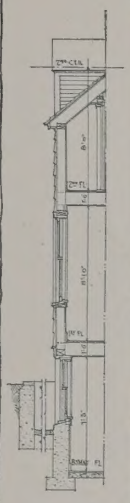
ELBERT J. RICHMOND

129 CHURCH STREET NEW HAVEN, CONN.

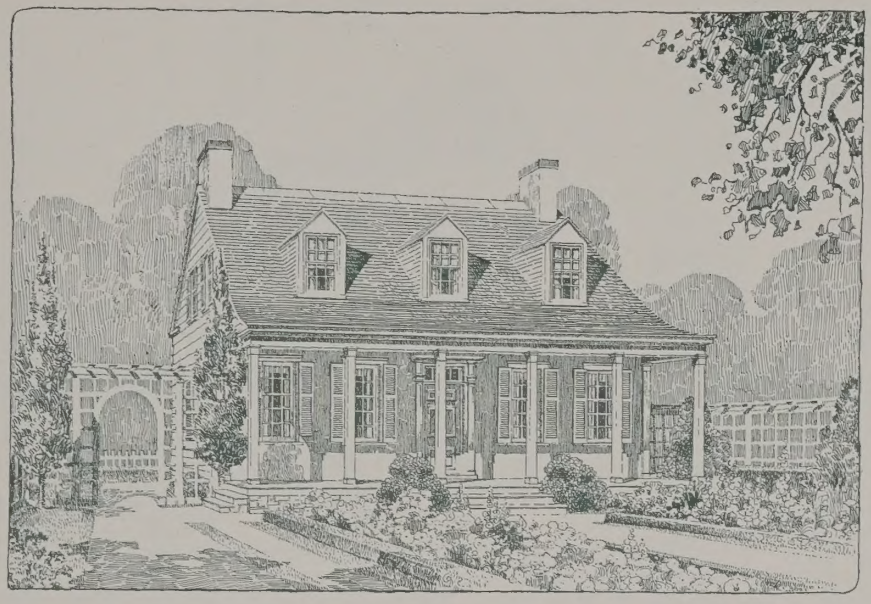


ALBERT KEYMAR

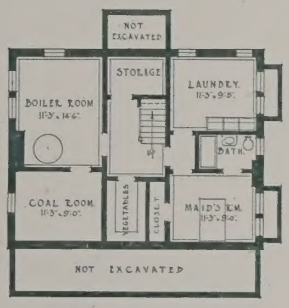
584 EIGHTEENTH STREET MILWAUKEE, WIS.



SECTION.



IT IS THE DESIGNER'S IDEA THAT ANY OF FOLLOWING MATERIALS COULD BE USED WITH ALMOST EQUAL SUCCESS °° CLAP-BOARDS OR LARGE SHINGLES WITH STUG CO UNDER PORCH °° ENTIRE HOUSE OF STUCCO OR LEDGE STONE °°

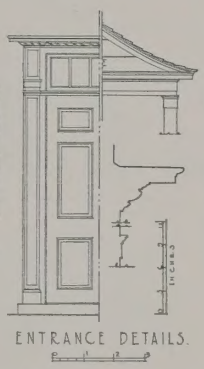


BASEMENT PLAN

CUBAGE

MAIN HOUSE
26'-0" x 33'-6" x 26'-3" = 22,864
FRONT PORCH
6'-6" x 33'-6" x 14'-0" ÷ 4 = 763
REAR PORCH
3'-0" x 9'-0" x 12'-0" ÷ 4 = 135
TOTAL CUBAGE = 23,762
AT 25¢ CU. FT. = $5,940.

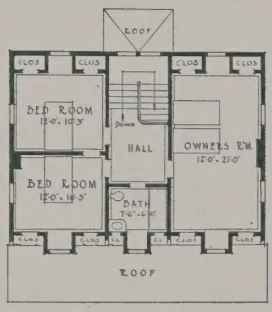
ALLOWANCE FOR DORMERS - ABOVE CUBAGE °°°



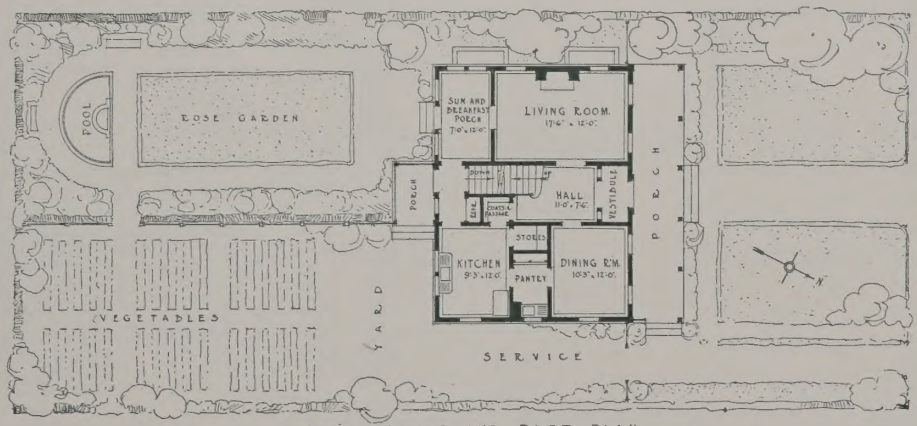
ENTRANCE DETAILS.

A SUB URBAN HOUSE TO COST $6,000.

SUBMITTED BY



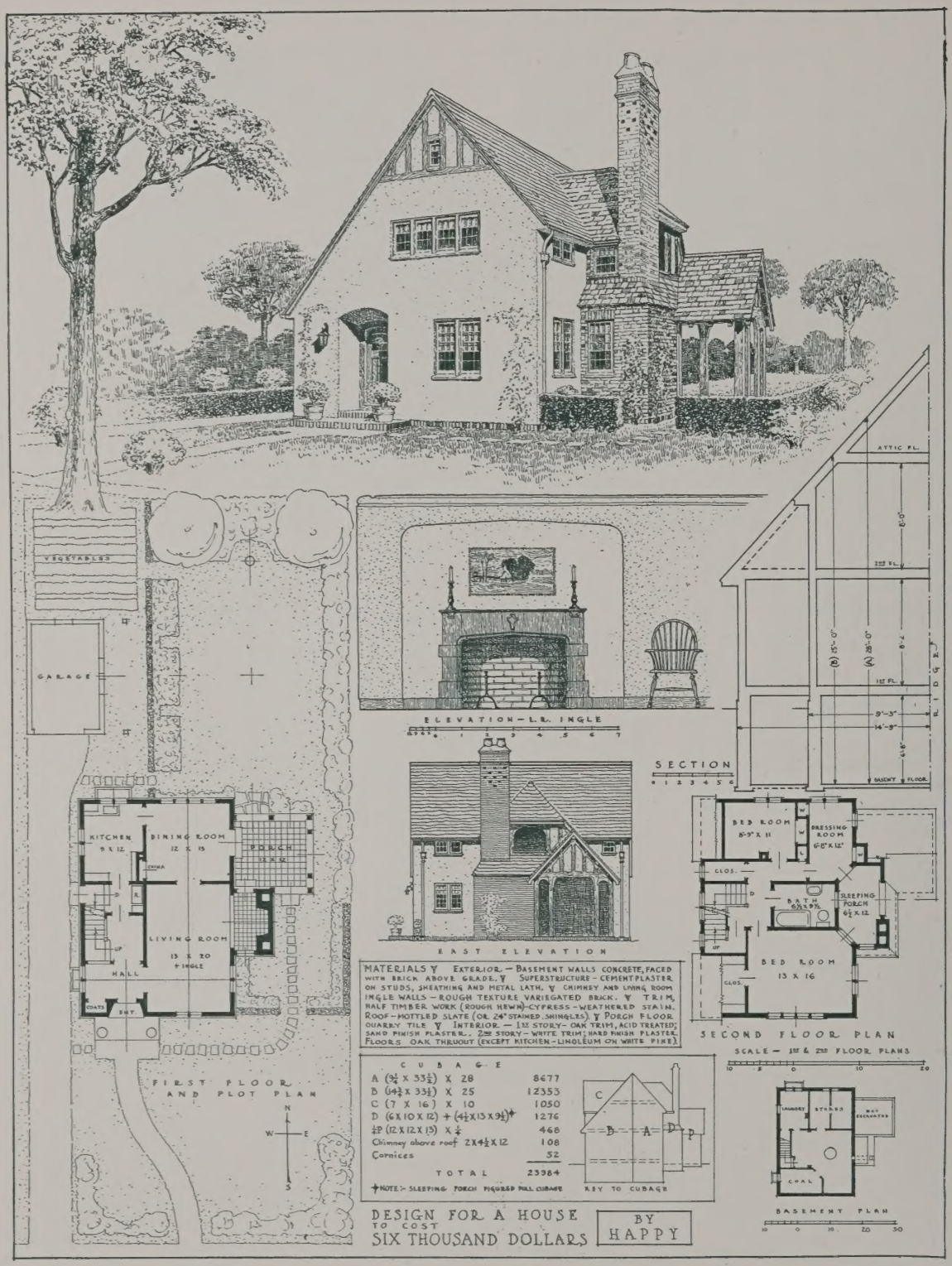
SECOND FLOOR PLAN



FIRST FLOOR AND PLOT PLAN

JEFFERSON MERRITT HAMILTON

320 AUDITORIUM BUILDING MINNEAPOLIS, MINN.



MATERIALS ▽ EXTERIOR — BASEMENT WALLS CONCRETE, FACED WITH BRICK ABOVE GRADE. ▽ SUPERSTRUCTURE - CEMENT PLASTER ON STUDS, SHEATHING AND METAL LATH. ▽ CHIMNEY AND LIVING ROOM INGLE WALLS — ROUGH TEXTURE VARIEGATED BRICK. ▽ TRIM, HALF TIMBER WORK (ROUGH HEWN) - CYPRESS - WEATHERED STAIN. ROOF - MOTTLED SLATE (OR 24" STAINED SHINGLES) ▽ PORCH FLOOR QUARRY TILE ▽ INTERIOR — 1ST STORY - OAK TRIM, ACID TREATED; SAND FINISH PLASTER. 2ND STORY - WHITE TRIM; HARD FINISH PLASTER. FLOORS OAK THROUOUT (EXCEPT KITCHEN - LINOLEUM ON WHITE PINE).

CUBAGE

A	(9½ X 33½) X 28	8677
B	(44½ X 33½) X 25	12353
C	(7 X 16) X 10	1050
D	(6 X 10 X 12) + (4½ X 15 X 9½)+	1276
	½P (12 X 12 X 13) X ½	468
	Chimney above roof 2 X 4½ X 12	108
	Cornices	52
	TOTAL	23984

+NOTE:- SLEEPING PORCH FIGURED FULL CUBAGE

KEY TO CUBAGE

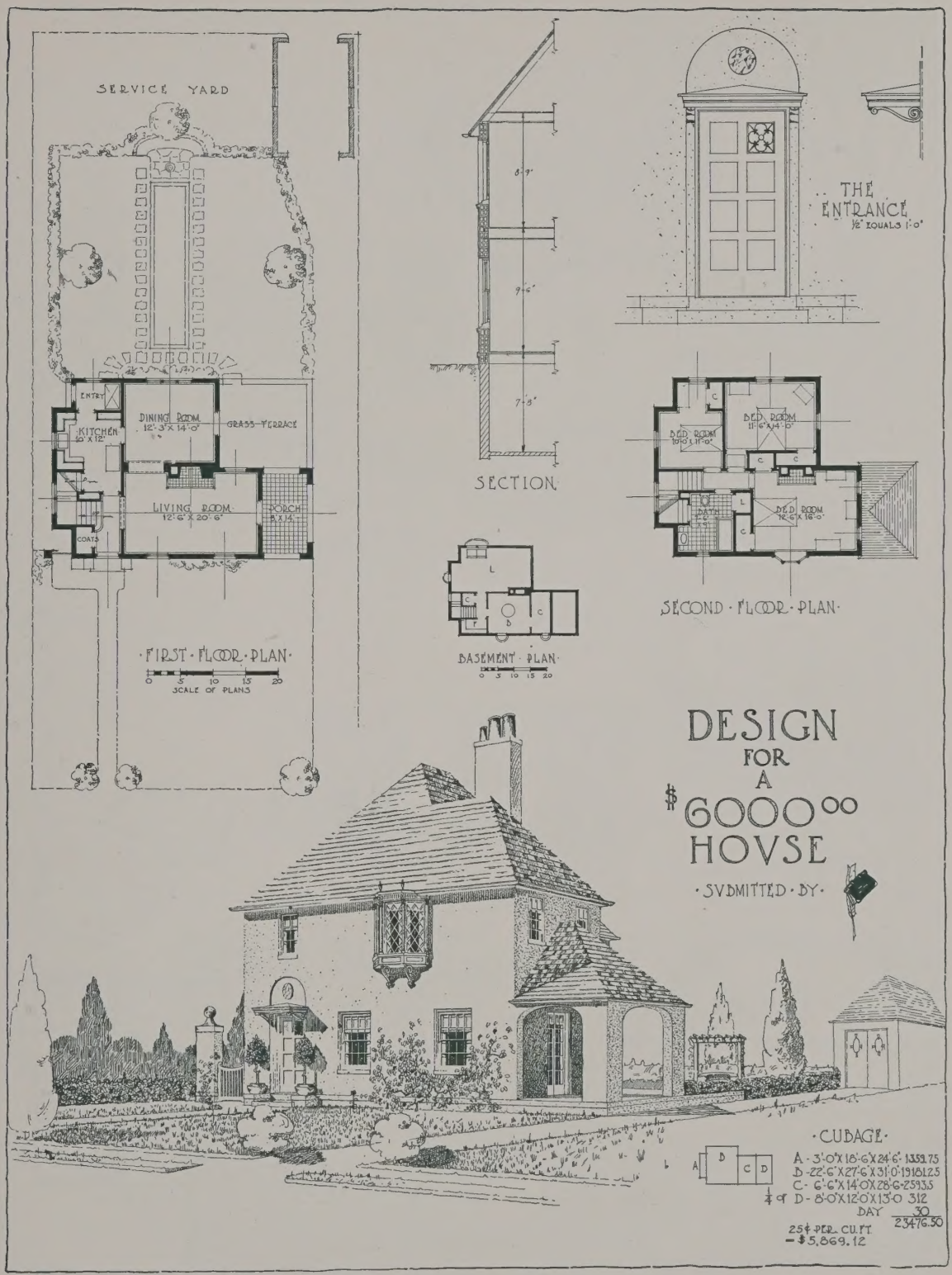
DESIGN FOR A HOUSE TO COST SIX THOUSAND DOLLARS

BY HAPPY

Splendid first fl. plan

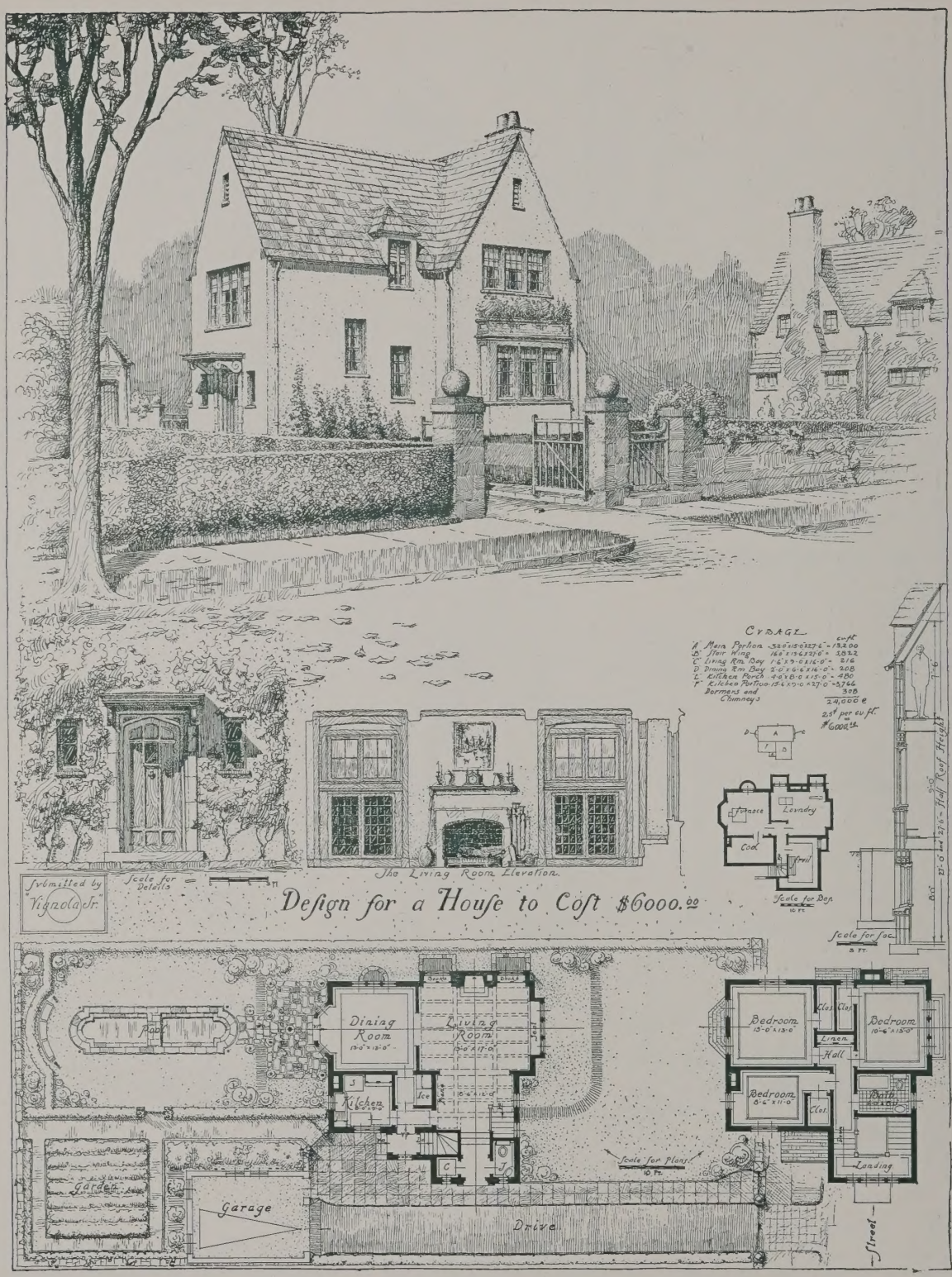
CARL C. TALLMAN

17 DILL STREET AUBURN, N. Y.



EMORY J. OHLER

164 MARATHON AVENUE DAYTON, OHIO

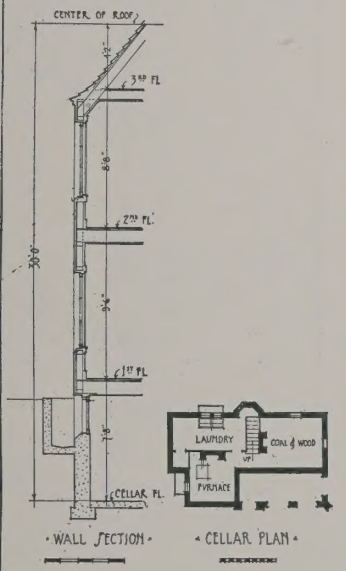


CUBAGE

A	Main Portion 32'6"x15'6"x27'6" =	cu ft 138 00
B	Stair Wing 16'8"x15'6"x21'0" =	5832
C	Living Rm Bay 14'x9'-0"x16'-0" =	216
D	Dining Rm Bay 5'-6"x6'-6"x16'-0" =	208
E	Kitchen Porch 40'x8'-0"x15'-0" =	480
F	Kitchen Portion 15'-6"x7'-0"x27'-0" =	2744
	Dormers and Chimneys	368
		24,000 c
		25¢ per cu ft
		= $6000.00

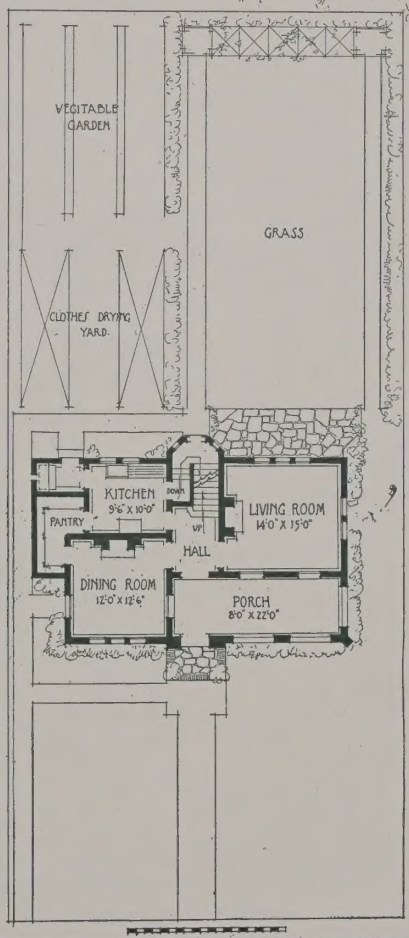
EMERY W. RHOADS

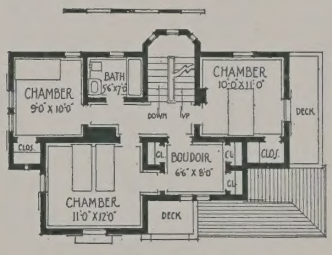
1900 Euclid Avenue Cleveland, Ohio



WALL SECTION

CELLAR PLAN





SECOND FLOOR PLAN

CUBAGE

MAIN HOUSE	15'0" X 40'0" X 30'0"	= 18,000 ft
DINING RM PROJECTION	8'0" X 13'6" X 30'0"	3,120
STAIR BAY	3'0" X 7'0" X 30'0"	630
PORCH	8'0" X 22'0" X 12'0" + ½	1,056
BOUDOIR PROJECTION	4'0" X 14'0" X 14'0"	784
TOTAL CUBAGE		23,590
		.25
COST @ .25 CENTS PER CUBIC FOOT		$5,897.50

REAL ESTATE AND BUILDING SHOW

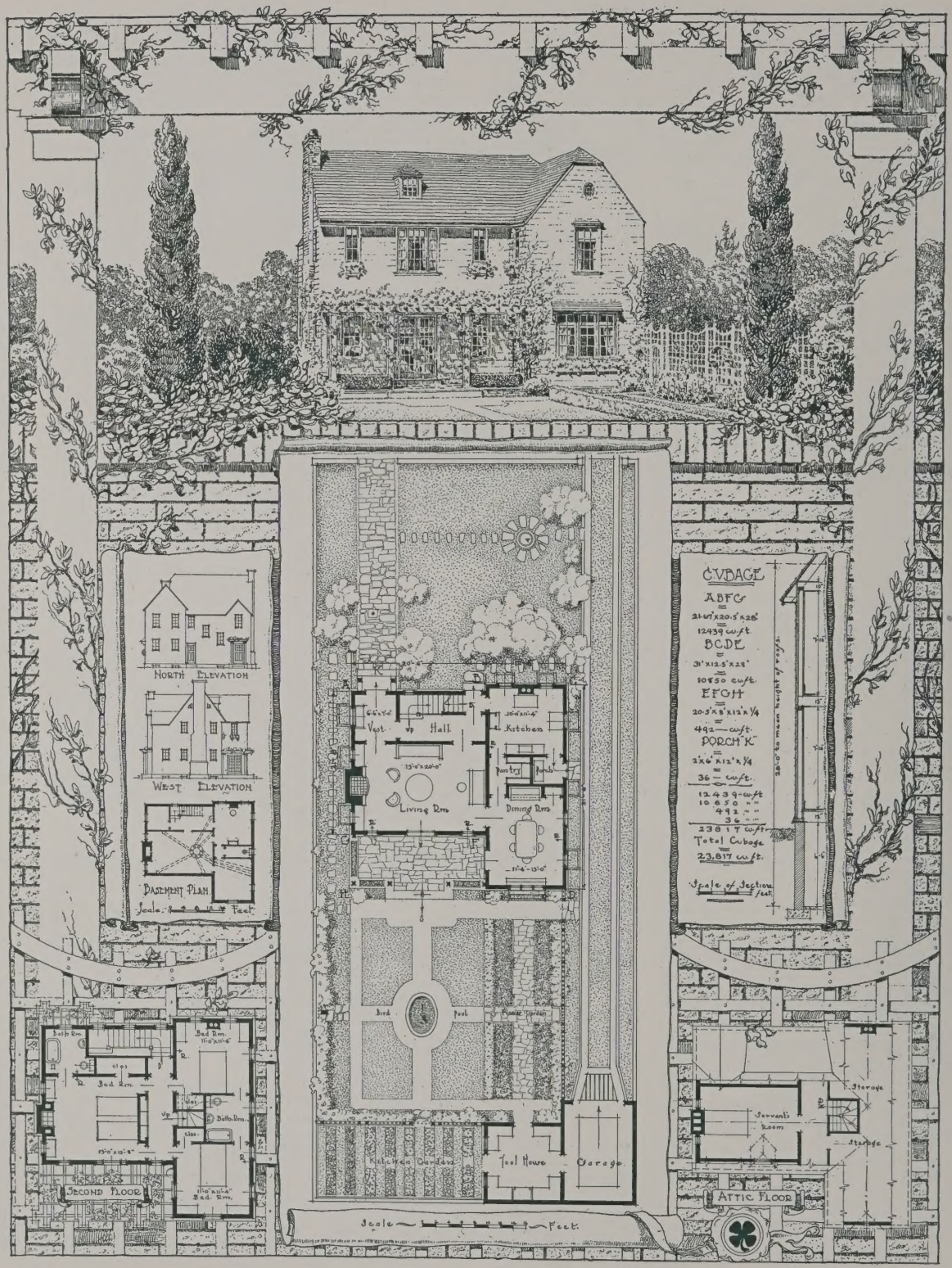
COLUMBUS OHIO

COMPETITION FOR A $6,000. HOUSE

BY

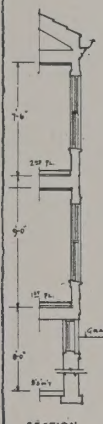
E. P. CROCHERON

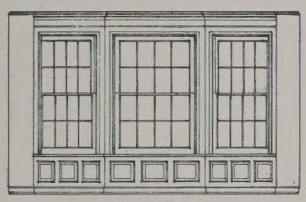
28 EAST TWENTY-FIRST STREET NEW YORK CITY

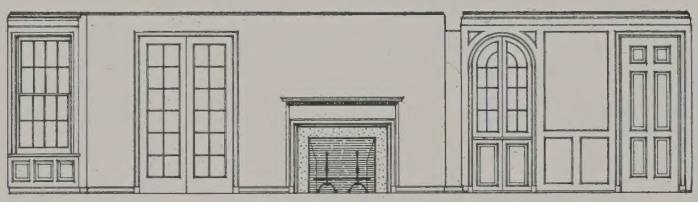


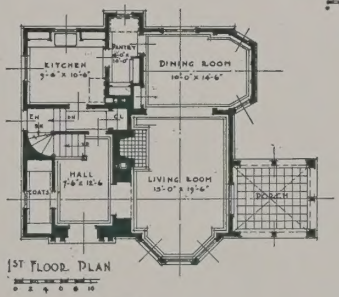
HARRY STERNFELD

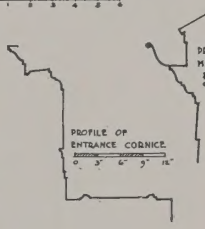
3618 FORBES STREET PITTSBURGH, PA.

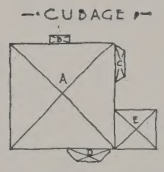




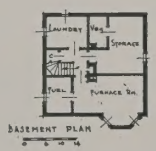


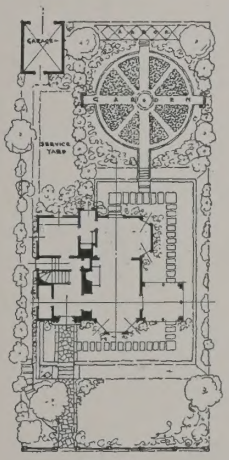


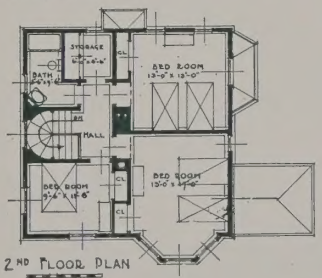




A — 28' × 28' × 29' = 22736 CU. FT.
B — 3' × 24' × 10' = 100 "
C — 9' × 3' × 10' = 270 "
D — 7½' × 3' × 20' = 500 "
E — ½(11' × 10' × 12') = 330 "
TOTAL CUBAGE = 23936 "
23936 @ 23¢ = $5984.56







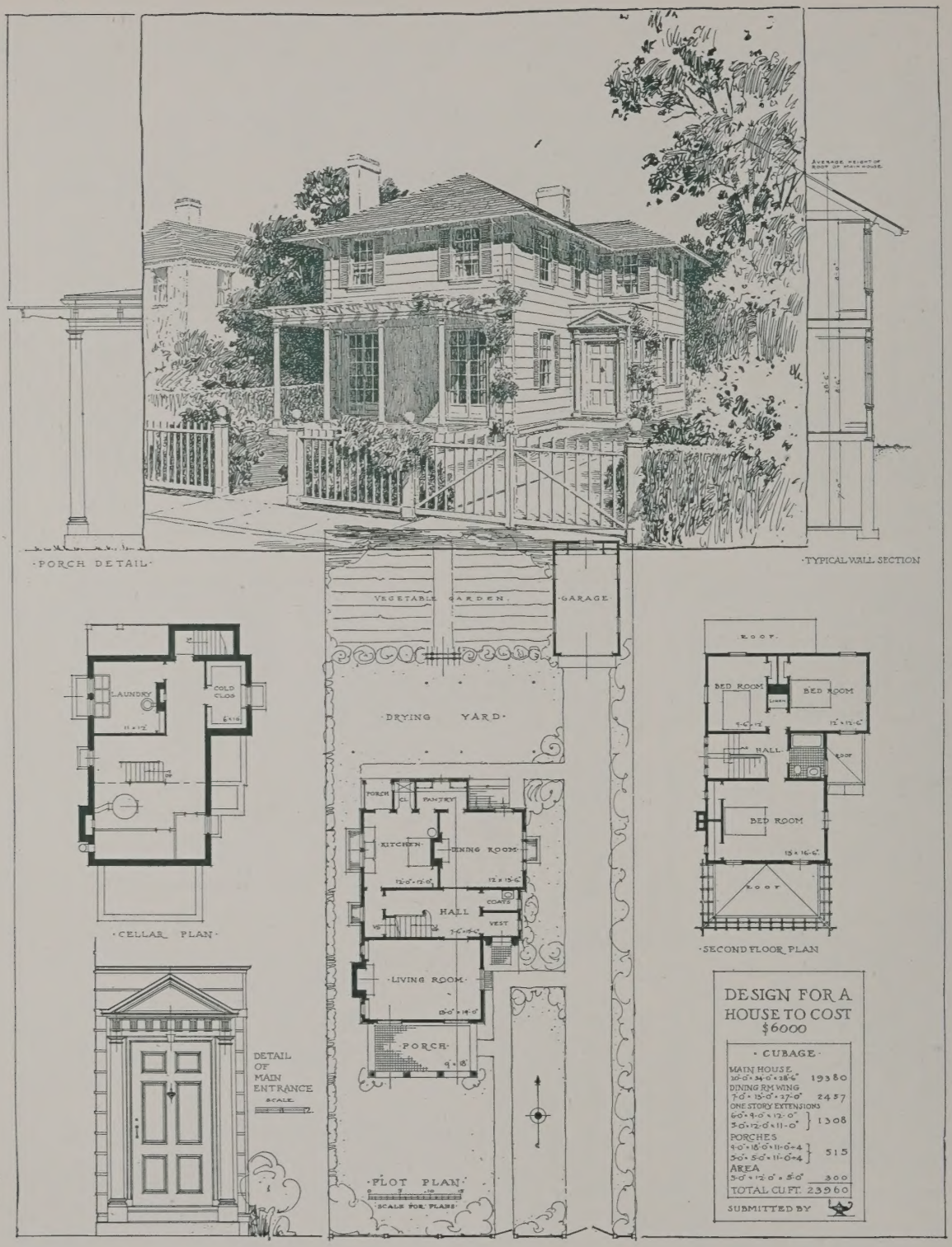
DESIGN FOR A HOUSE TO COST $6000.

REAL ESTATE & BUILDING SHOW COMPETITION - JAN 21 TO 30, 1918

SUBMITTED BY -

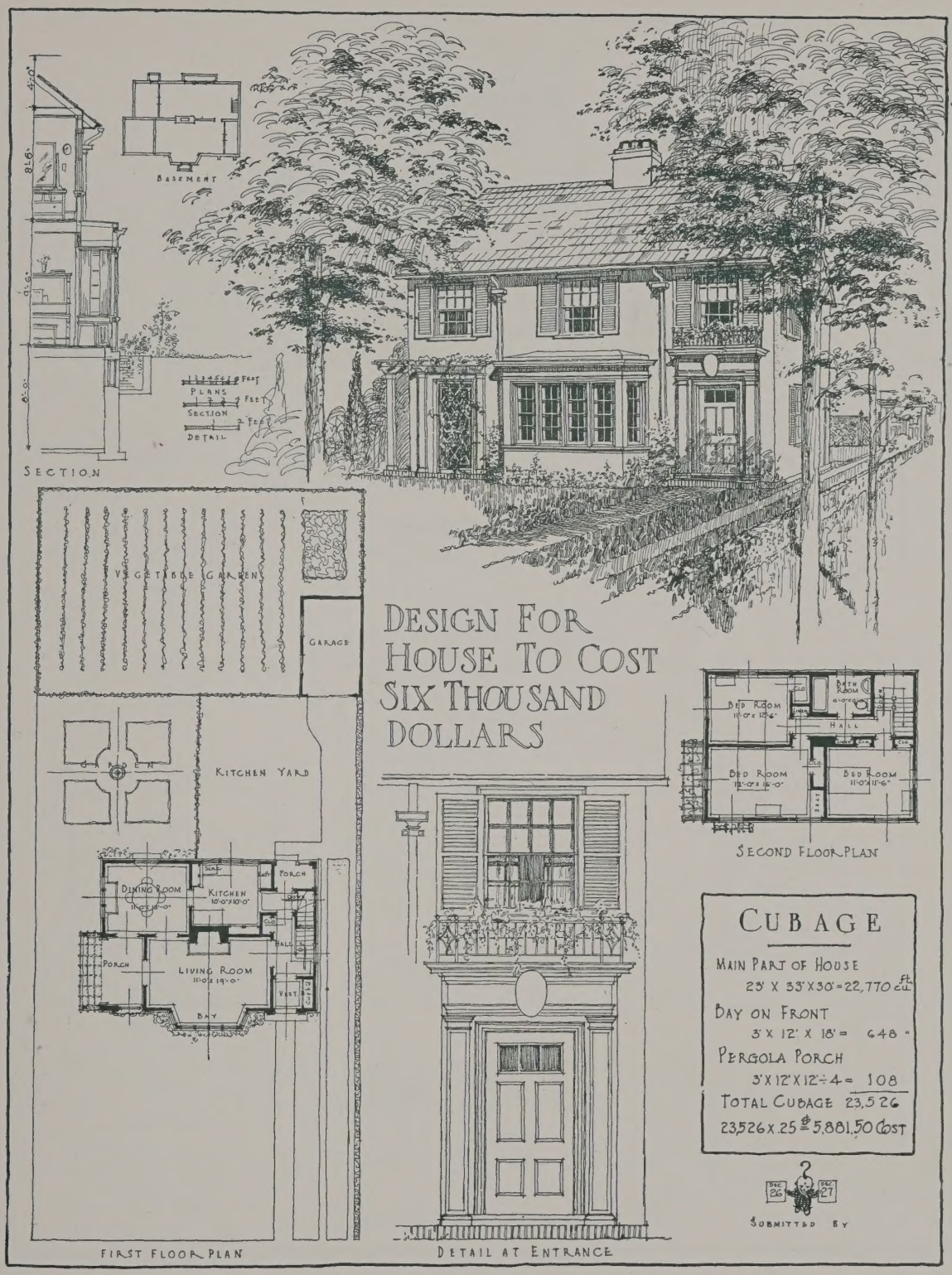
JOHN S. KELLY AND O. L. LENSKI

25 SELLS COURT COLUMBUS, OHIO



CHARLES G. GRANT

15 WEST THIRTY-EIGHTH STREET NEW YORK CITY



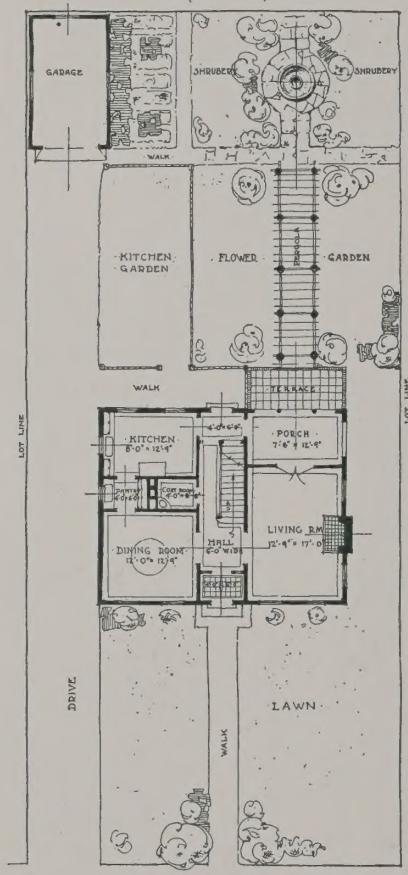
ROBERT W. DICKERSON

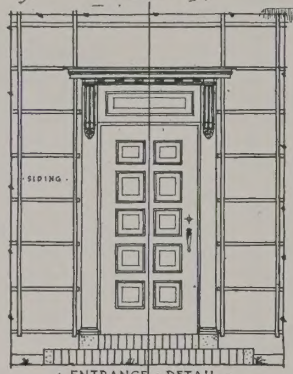
2258 EUCLID AVENUE CLEVELAND, OHIO

SVBVRBAN HOVSE COMPETITION

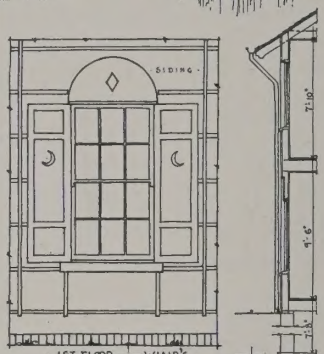
SVBMITTED · BY ·

1917

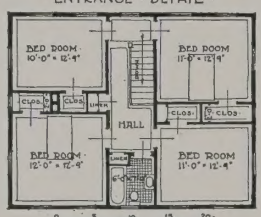


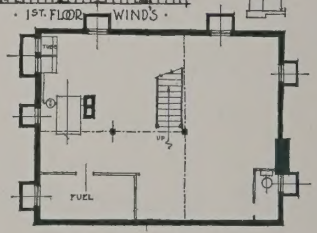


· ENTRANCE · DETAIL ·



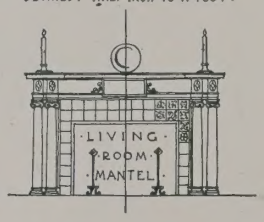
· 1ST. FLOOR WIND'S ·





FLOOR PLANS. 8 FEET TO AN INCH :

DETAILS. HALF-INCH TO A FOOT :



· HOUSE · COMPLETE :

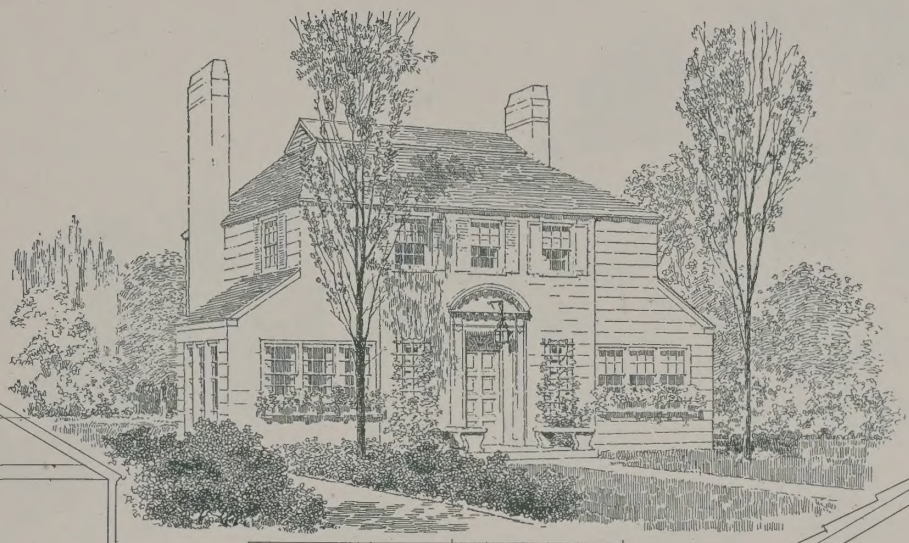
WIDTH. 33'-0" } × 29'-0"
DEPTH. 25'-6" } CUB. FT. = 24403½

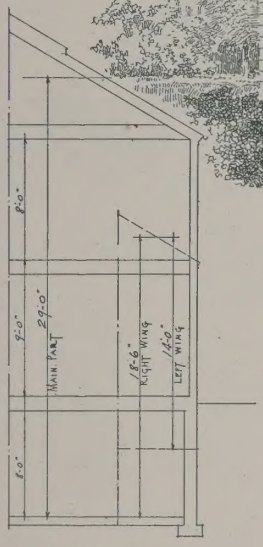
DEDUCT FOR OPEN PORCH AT A HALF $\frac{8'-0" \times 13'-3" \times 9'-0"}{2}$ = 477

TOT. 23,926.

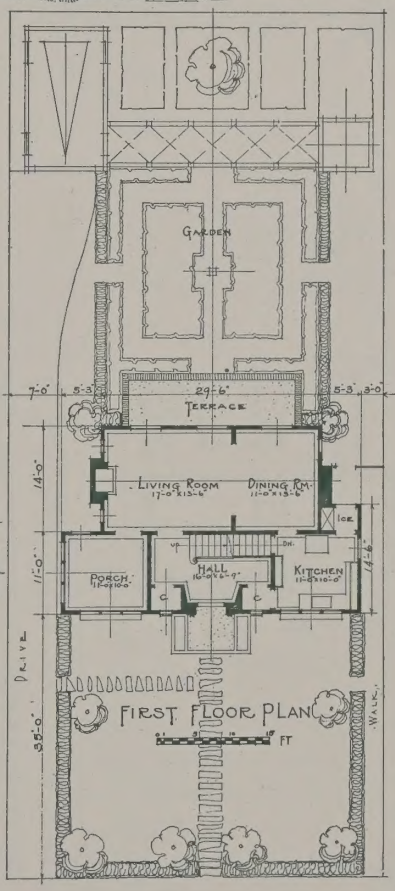
FRANK J. SCHLOSSER

2032 EUCLID AVENUE CLEVELAND, OHIO

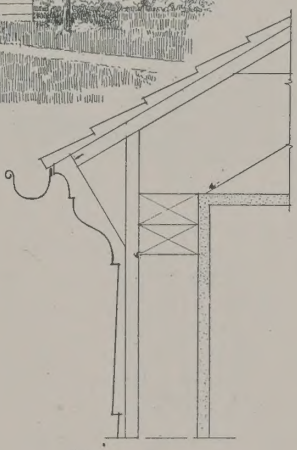




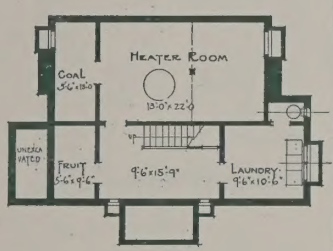
SECTION



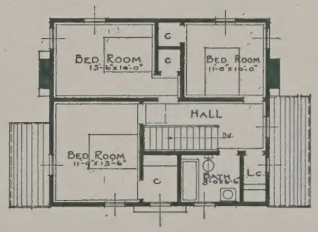
FIRST FLOOR PLAN



MAIN CORNICE



PLAN OF BASEMENT



SECOND FLOOR PLAN

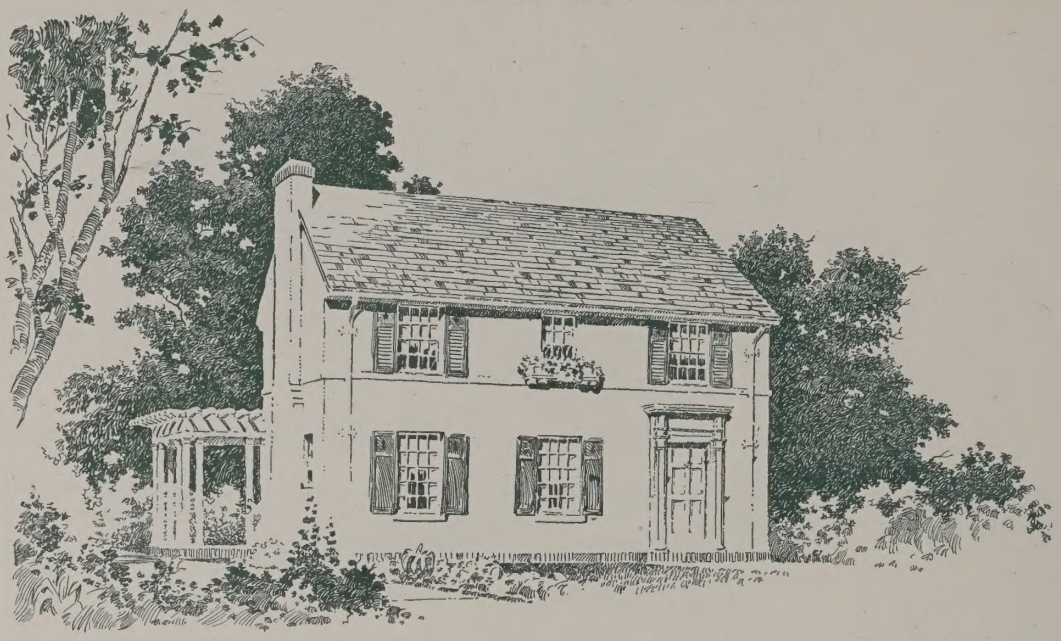
CUBIC AREA	
MAIN PART	21,388
LEFT WING	809
RIGHT WING	1409
TOTAL CUBIC FT.	23,606.
COST AT 25 CENT PER CUBIC FT.	$5901.50

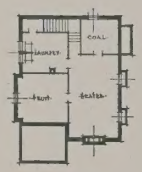
DESIGN FOR A $6000 HOUSE

SUBMITTED BY

R. R. BENNRA

1234 OHIO BUILDING TOLEDO, OHIO



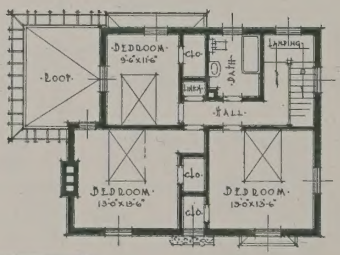


BASEMENT PLAN
SCALE 1/4"-1'-0"

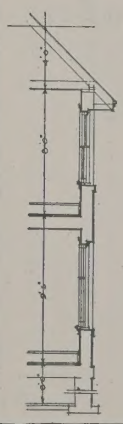
CUBAGE

MAIN HOUSE	28'6"x26'6"x29'6"	21476
LIVING ROOM BAY	14'4"x6'6"x29'6"	1682
DINING ROOM BAY	12'6"x6'x17'6"	319
FRONT PORCH	8'6"x5'6"x4'6"	96
SIDE PORCH	11'6"x7'6"x14'6"	413
TOTAL		23986
COST AT 25¢ PER CU FT		$5996.50

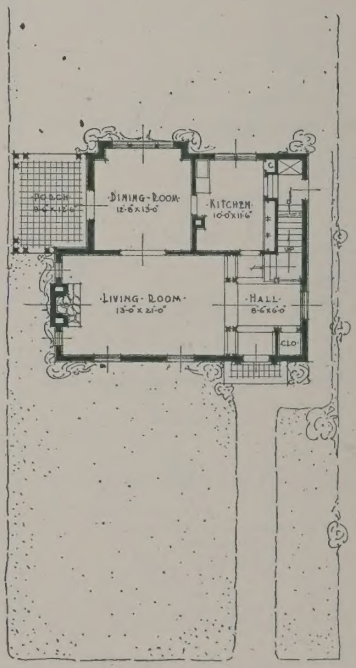
SUBMITTED BY



SECOND FLOOR PLAN
SCALE

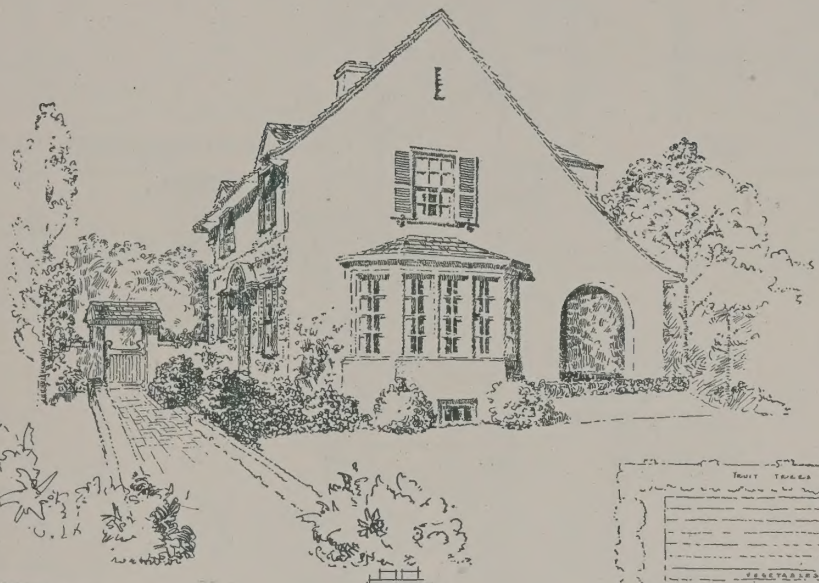


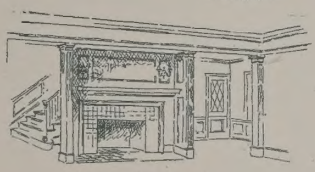
COMPETITION
FOR
A SMALL HOUSE
TO COST 6000 DOLLARS



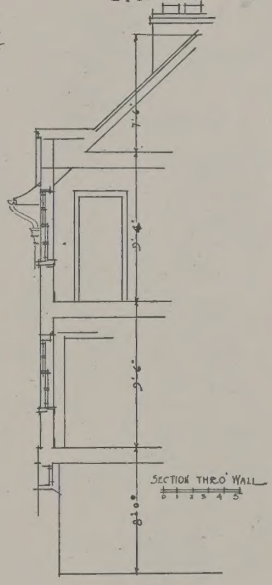
T. M. LARSON & J. H. BELL

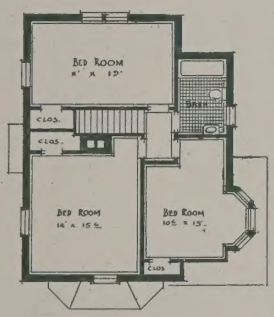
504 CITY HALL CLEVELAND, OHIO





PERSPECTIVE - LIVING ROOM -

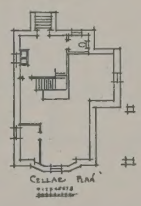


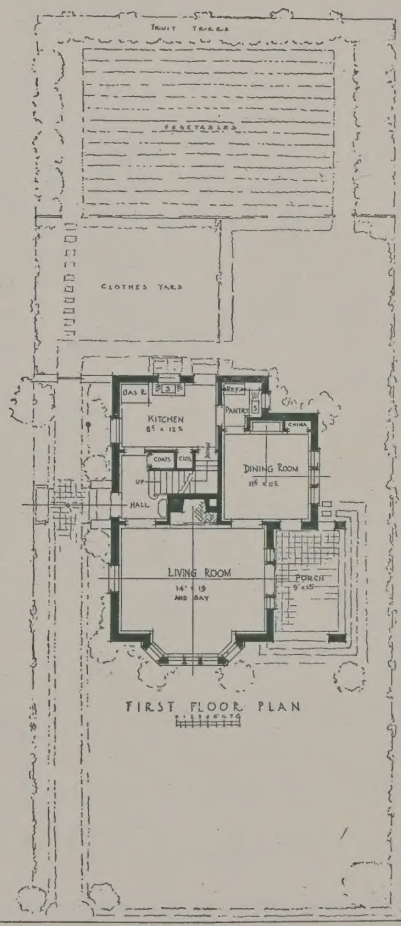


SECOND FLOOR PLAN

CUBAGE

MAIN PORTION	21 X 34	X 28 =	19,992
DINING ROOM EXT.	6.5 X 17	X 27 =	2,983.5
PORCH	5 X ½	X 9 =	308.25
L.R. BAY	3 X 10	X 17 =	510.
D.R. BAY	6 X 22.5	X 2.5	127.5
		TOTAL	23,916.75 CU. FT.



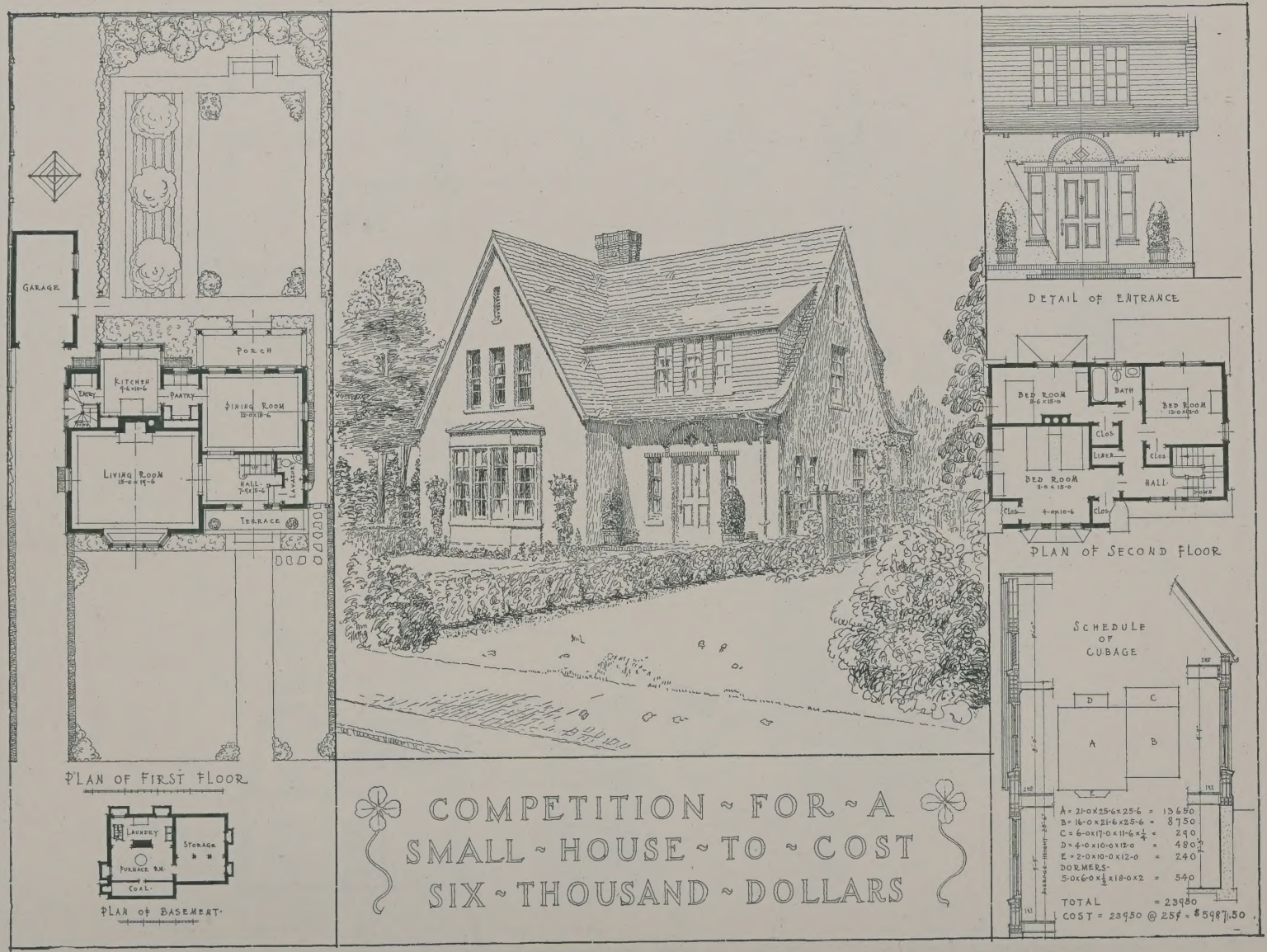


FIRST FLOOR PLAN

LUX

GEO. S. IDELL

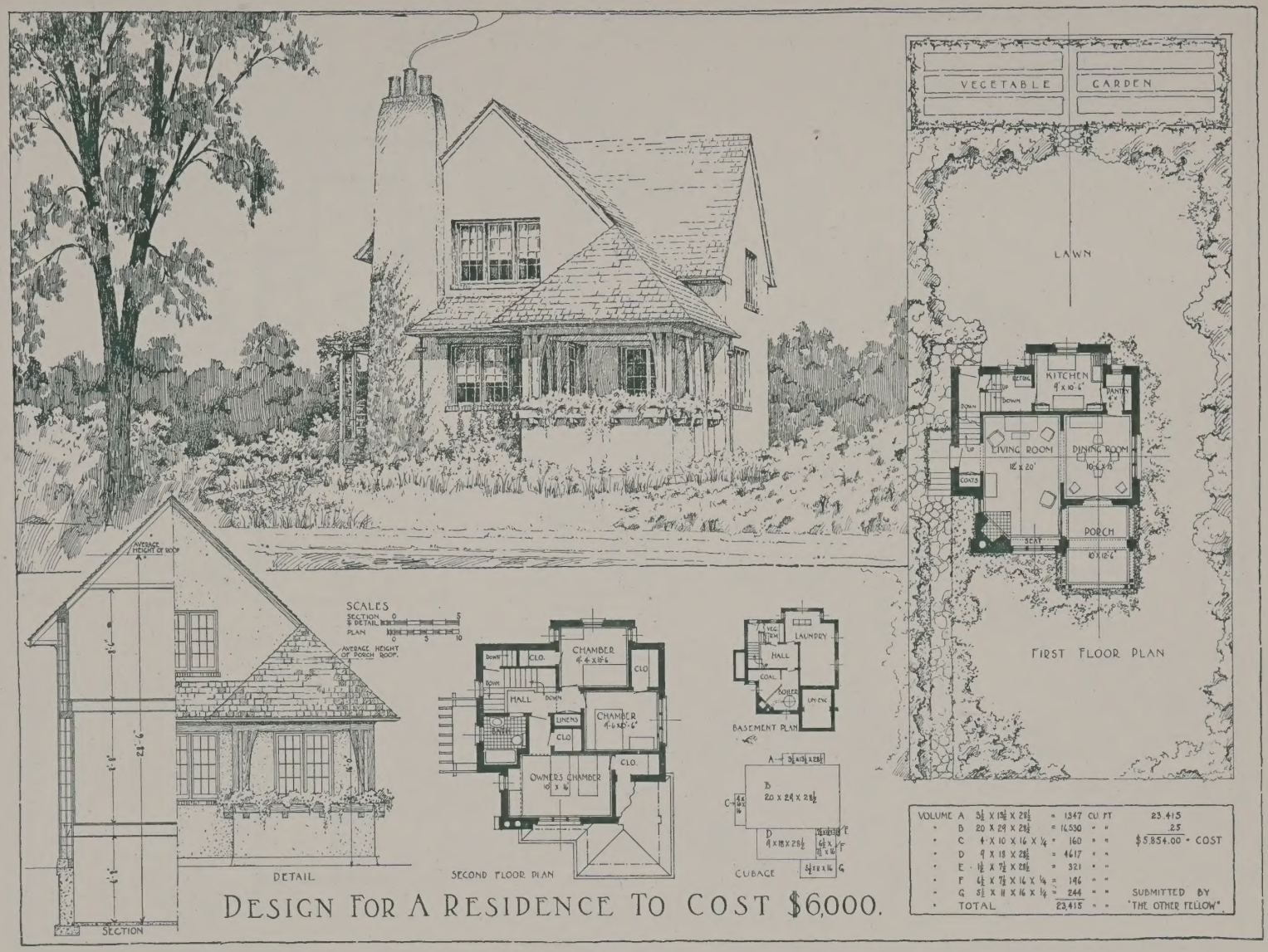
34 SOUTH SIXTEENTH STREET PHILADELPHIA



521 COTTAGE STREET

E. B. HURT

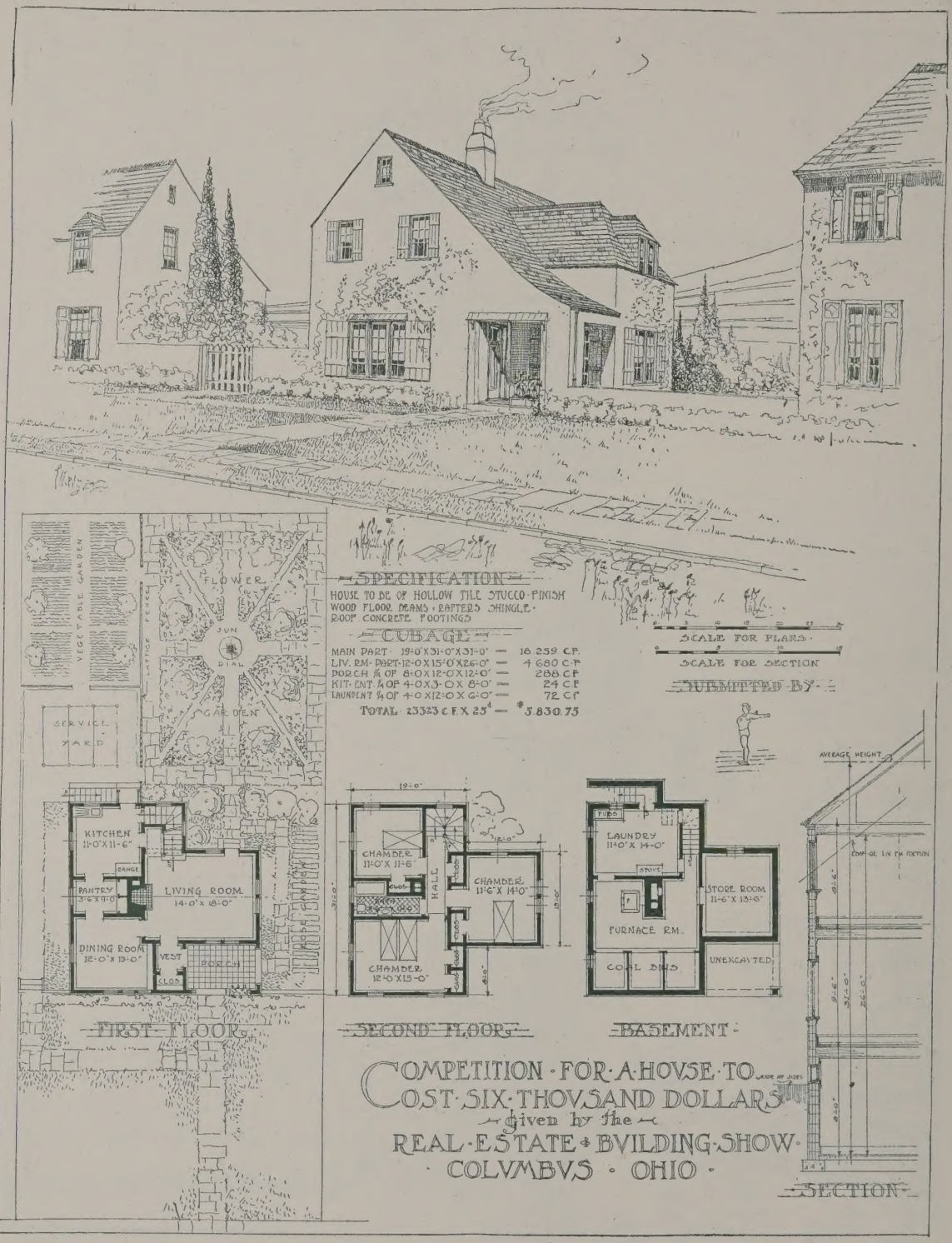
OAKLAND, CAL.


VEGETABLE GARDEN
LAWN
KITCHEN 9'x10'-6"
PANTRY
DINING ROOM 10'-6"x15'
LIVING ROOM 12'x20'
PORCH 10'x12'-6"
FIRST FLOOR PLAN
AVERAGE HEIGHT OF ROOF
AVERAGE HEIGHT OF PORCH ROOF
SCALES
SECTION & DETAIL
PLAN
DETAIL
SECTION
CHAMBER 9'-6"x10'-6"
CHAMBER 9'-6"x10'-6"
OWNERS CHAMBER 10'x16'
HALL
LINENS
CLO.
SECOND FLOOR PLAN
LAUNDRY
HALL
COAL
BOILER
BASEMENT PLAN
CUBAGE
DESIGN FOR A RESIDENCE TO COST $6,000.
VOLUME A 5½ X 13½ X 28½ = 1347 CU FT 23.415
" B 20 X 29 X 28½ = 16,530 " " 2.5
" C ½ X 10 X 16 X ¼ = 160 " " $5.854.00 = COST
" D 9 X 18 X 28½ = 4617 " "
" E ½ X 7½ X 28½ = 321 " "
" F 6½ X 7½ X 16 X ¼ = 196 " "
" G 5½ X 11 X 16 X ¼ = 244 " " SUBMITTED BY
" TOTAL 23,415 " " "THE OTHER FELLOW".

EMIL F. HASENBALG

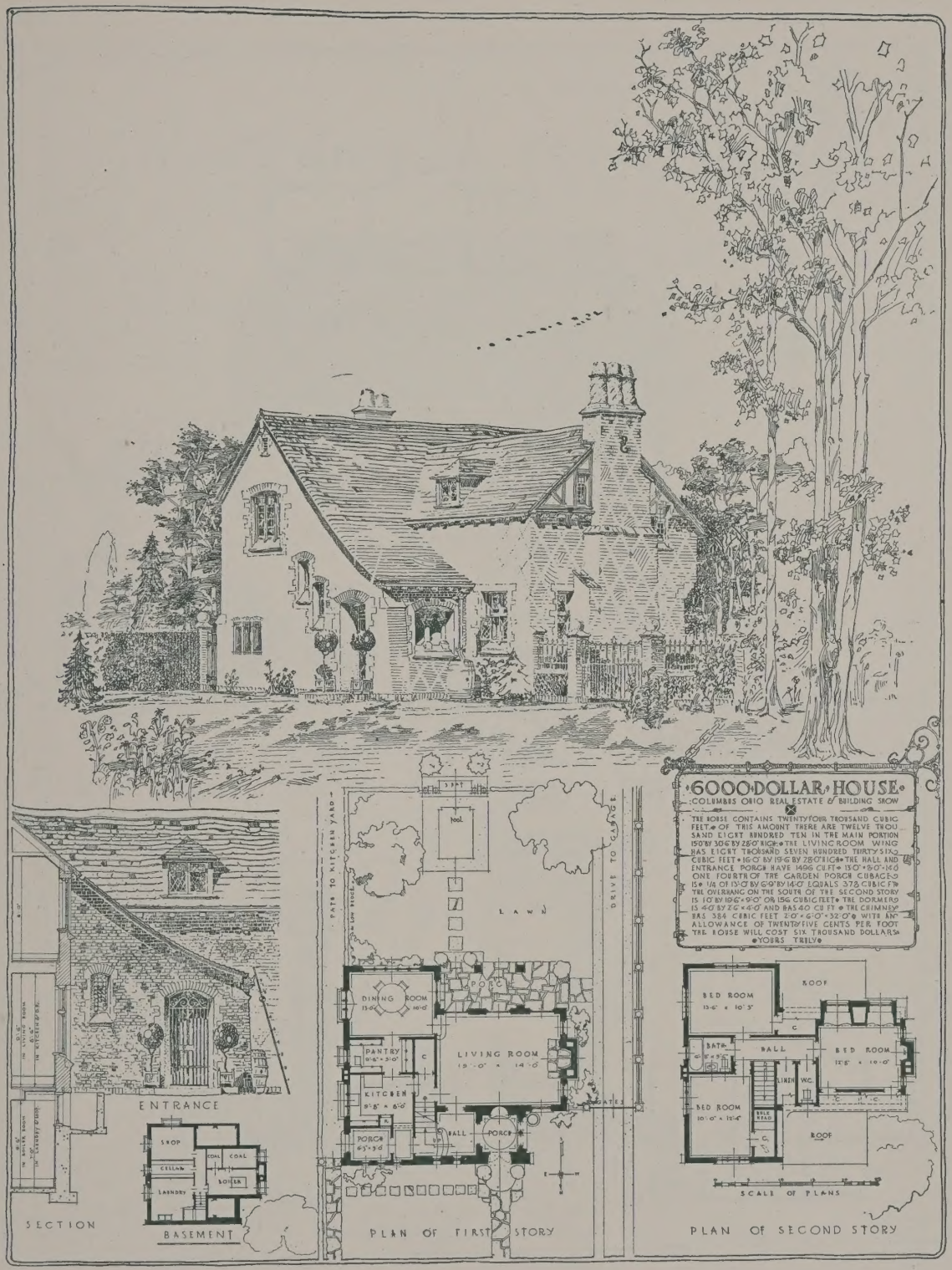
4242 LOWELL AVENUE

CHICAGO, ILL.



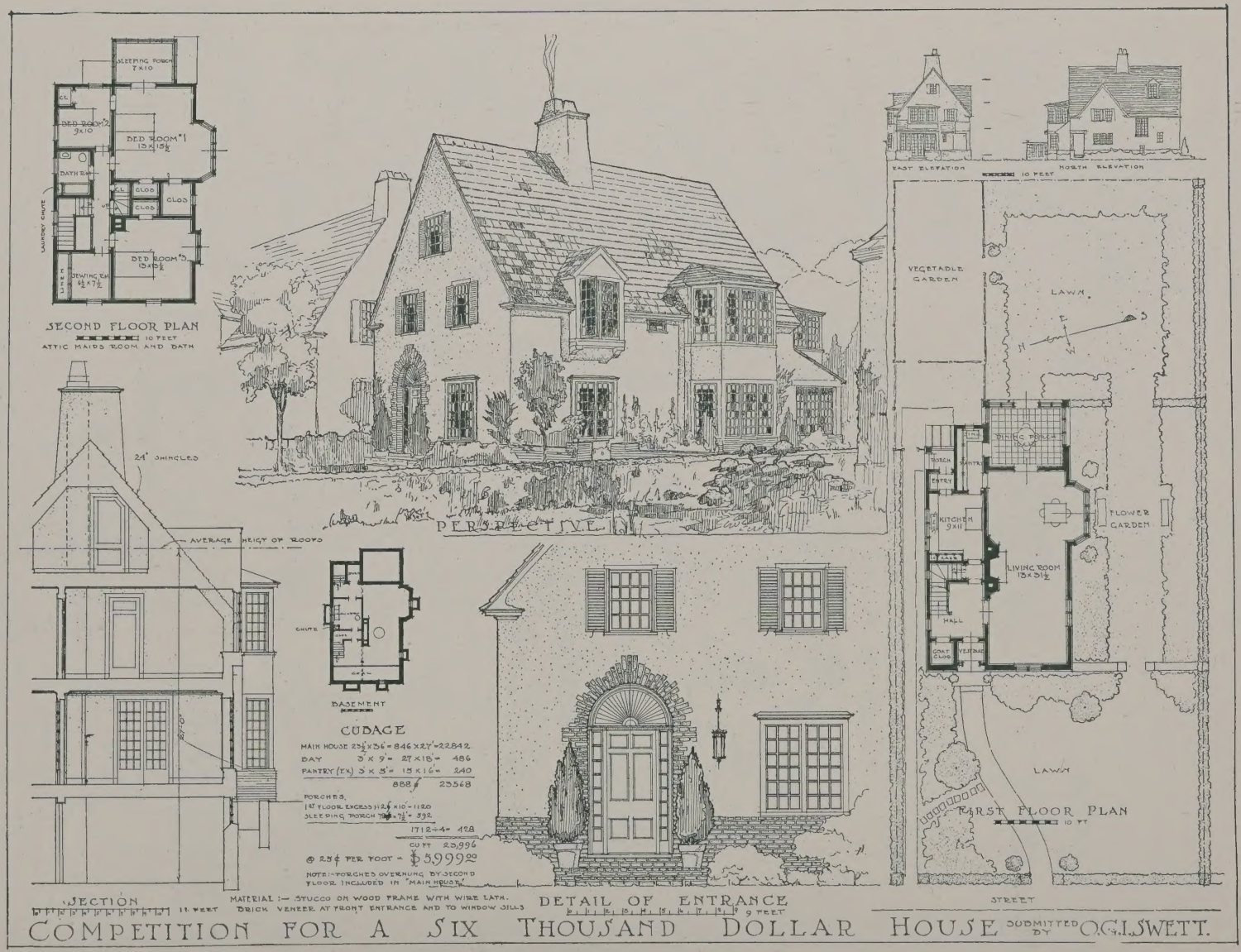
FREDERICK J. FEIRER

117 OVERPECK AVENUE RIDGEFIELD PARK, N. J.


6000 DOLLAR HOUSE
COLUMBUS OHIO REAL ESTATE & BUILDING SHOW
THE HOUSE CONTAINS TWENTY FOUR THOUSAND CUBIC FEET. OF THIS AMOUNT THERE ARE TWELVE THOUSAND EIGHT HUNDRED TEN IN THE MAIN PORTION 50'8" BY 30'6" BY 28'0" HIGH. THE LIVING ROOM WING HAS EIGHT THOUSAND SEVEN HUNDRED THIRTY SIX CUBIC FEET. 16'0" BY 19'6" BY 28'0" HIGH. THE HALL AND ENTRANCE PORCH HAVE 1496 CU FT. 13'0" 8'0" 14'0 ONE FOURTH OF THE GARDEN PORCH CUBAGE 15 1/4 OF 13'0" BY 5'0" 8' 14'0" EQUALS 378 CUBIC FT THE OVERHANG ON THE SOUTH OF THE SECOND STORY IS 10' BY 19'6" 9'0" OR 156 CUBIC FEET. THE DORMERS IS 4'0" BY 12'0" 4'0" AND HAS 480 CU FT. THE CHIMNEY HAS 384 CUBIC FEET 2'0" 6'0" 32'0" WITH AN ALLOWANCE OF TWENTY FIVE CENTS PER FOOT THE HOUSE WILL COST SIX THOUSAND DOLLARS
YOURS TRULY
ENTRANCE
SECTION
SHOP
COAL
CELLAR
BOILER
LAUNDRY
BASEMENT
PATH TO KITCHEN YARD
DRIVE TO GARAGE
LAWN
POOL
DINING ROOM
PANTRY
KITCHEN
LIVING ROOM
HALL
PORCH
PLAN OF FIRST STORY
BED ROOM
ROOF
BATH
HALL
LINEN
W.C.
BED ROOM
BED ROOM
ROOF
SCALE OF PLANS
PLAN OF SECOND STORY

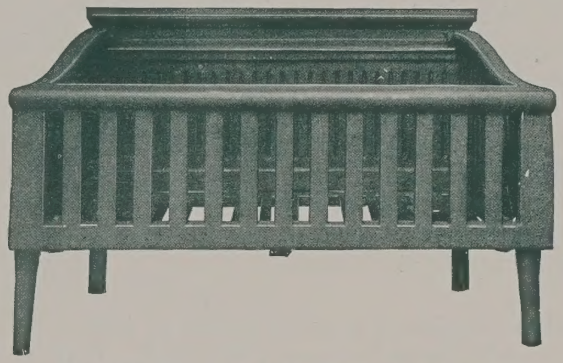
M. A. McLENAHAN

829 Eccles Building Ogden, Utah



CHAS. M. BAKER AND STANLEY B. PARKER
70 EQUITABLE BUILDING
BOSTON, MASS.

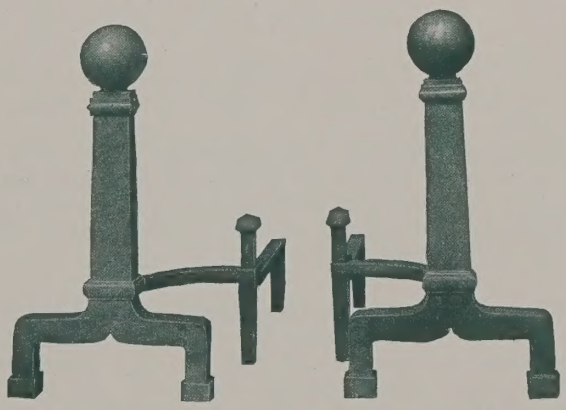
Wolff, Kubly & Hirsig Co.



Portable fire basket in all sizes and styles

Are always ready to estimate the
cost of your

Builders' Hardware, Sheet Metal Work, Furnaces and Thermostate Fireplace Fixtures, Built in Refrigerators Bath Room Fixtures



We have them in iron and brass
Prices run from $2.50 and up

See us for anything in Hardware

T. S. Morris Talks on the Value of Insulation

It is cheaper to build a warm house than heat a cold one. A great many builders make a mistake when they come to build by cutting out what seems to them an extra in the insulating of their walls. They do not realize that in doing this they are inviting an everlasting expense in the way of the waste of fuel to heat their homes. Each year we may except that the price of coal is going to be higher. It is high time that every house that is being built is built in such a way as to reduce the expense of fuel to the lowest possible figure. Seventy-five to a hundred dollars is saved in the fuel expense in the first three to four years. That's all the insulator costs to start with.

It is possible to insulate a frame house so that it will be as cool in summer as a stone house and as warm in winter. Give us an opportunity to describe our material and explain our plan. For further information, literature, and samples call upon T. S. Morris Company. Phone 4118 and 4119.

The Cost of a House

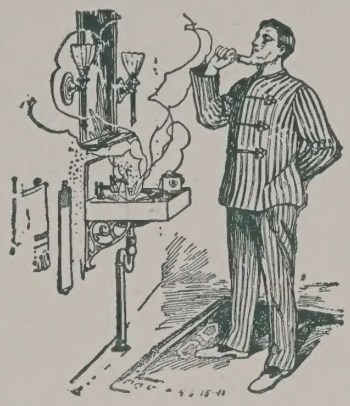
An Open Letter to The Public

Here is an open letter from Hansberger & Livingston, of Columbus, Ohio, who for fifteen years have been building moderate-sized houses for sale in Columbus. They state:

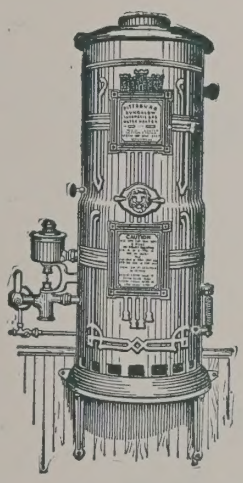
"We have built about 600 houses in Columbus. The first year we built entirely of frame, the second year about half brick and half frame, and then we figured out that cost between the brick and frame houses, and we found that the actual difference did not exceed $400 on a $5000 house, or about 8 per cent more from brick than for frame."

> **"When we come to sell the house, we find that we can always get about $1000 more for the brick house than the frame house on account of the beauty, durability and economy, which always seems to speak for itself. The brick house looks so much more substantial than the frame house."**

"The brick house is much cooler in the summer, and we have tested the heating in the winter and have found that it takes 33 1-3 per cent more fuel for a frame house than it does for one of brick."



Quick As a Wink---Hot Water



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The keen delights of a Hot Bath with plenty of hot water are available at all hours by the whole family.

SHAVING WATER — clean and hot—is promptly provided, and the varied hot water needs of women and children adequately supplied at the turn of a faucet by the

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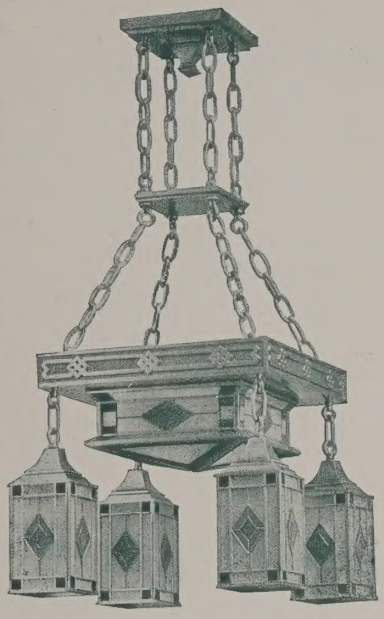

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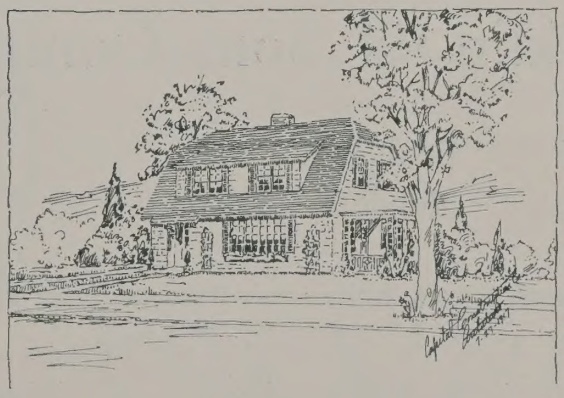

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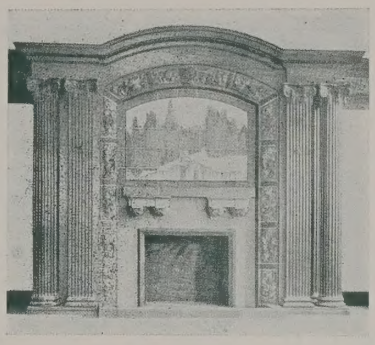

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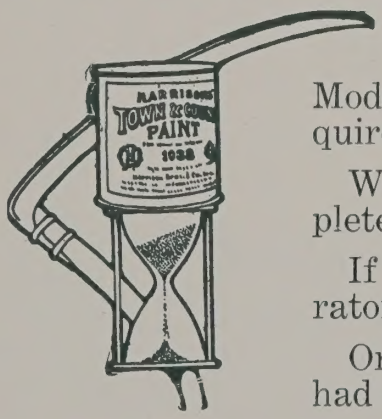

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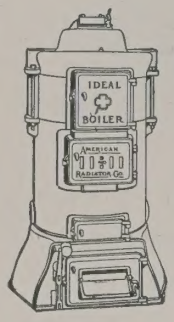

THOSE who have worried through many winters with old-fashioned methods know this. That they lack a positive or definite placing of heat in the rooms. Such methods may deliver an uncertain quantity of air heated to a high temperature in part of the room, but the heat in many cases does not reach the points where most needed. On cold, windy days some rooms may be entirely useless. The bath room, the nursery, the maid's room, or other points may lack warmth and may be too chilly to use part of the time. But from Ideal Boilers the heat is circulated positively through the entire outfit; the circulation principle maintained by the Boiler puts the warmth into every room where most needed—along outer walls, under windows, etc. The heating is sure and ample.

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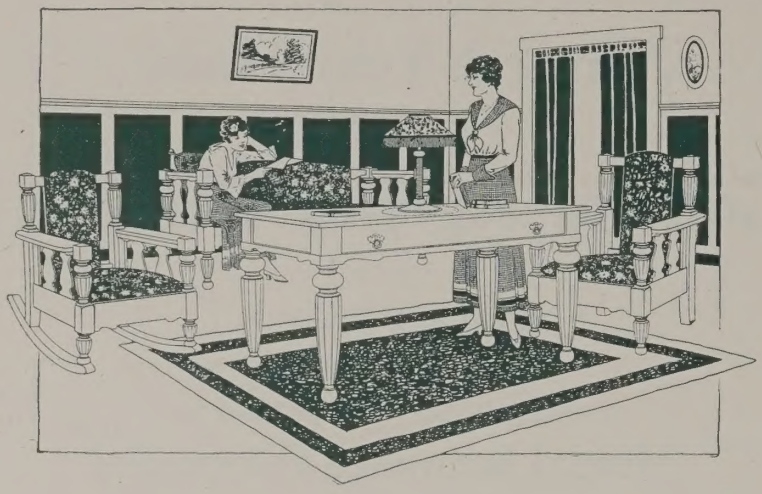

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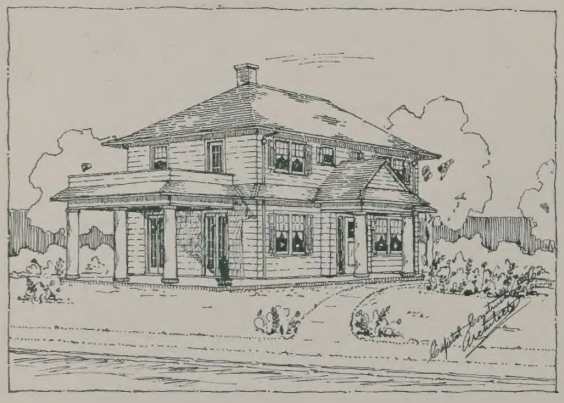

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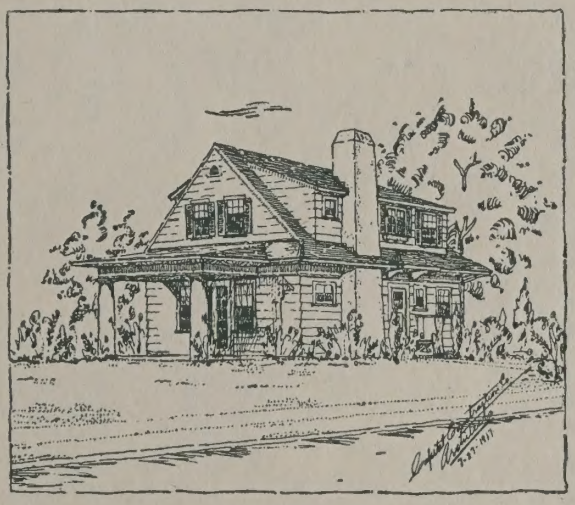

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